

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2011 Levee Inspection Results****San Joaquin County Flood Control and Water Conservation District**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 01 Littlejohn Creek			Left	2.87

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/13/2011 - 5/13/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Littlejohn Creek						Left	2.87	05/13/2011 05/13/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.42	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.873574 ° -121.226513 °	37.873916 ° -121.233575 °	8 Y
2	0.01	0.93	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.873630 ° -121.226628 °	37.878014 ° -121.240584 °	17 Y
3	0.01	0.49	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.873639 ° -121.226622 °	37.874856 ° -121.233954 °	21 Y
4	0.42	0.42	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Pile has been removed but additional material has been placed.	37.873895 ° -121.233562 °	37.873895 ° -121.233562 °	10 Y
5	0.45	0.45	Earthen Levee	Encroachments	WS	M	Equipment	37.874312 ° -121.233735 °	37.874312 ° -121.233735 °	9 Y
6	0.81	0.98	Earthen Levee	Encroachments	LS	M	Agricultural tilling Inspector Comments: Farmer is discing the landward levee slope.	37.876967 ° -121.238790 °	37.878422 ° -121.241098 °	13 Y
7	0.99	1.04	Earthen Levee	Encroachments	WS	M	Agricultural tilling Inspector Comments: Farmer discing the waterward levee slope.	37.878635 ° -121.241489 °	37.878549 ° -121.242222 °	15 Y
8	1.00	1.00	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.878634 ° -121.241459 °	37.878634 ° -121.241459 °	14 Y
9	1.00	1.00	Interior Drainage & Piping Systems	Sluice / Slide Gates	WS	U	Inspector Comments: Gate had been damaged and is not able to be operated. Gate should be repaired/replaced or the culvert should be permanently closed by other means.	37.878621 ° -121.241451 °	37.878621 ° -121.241451 °	7 Y
10	1.00	1.00	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	37.878628 ° -121.241450 °	37.878628 ° -121.241450 °	6 Y
11	1.06	1.06	Interior Drainage & Piping Systems	Flap Gates	WS	U		37.878471 ° -121.242448 °	37.878471 ° -121.242448 °	16 Y
12	1.07	1.27	Earthen Levee	Encroachments	WS	M	Pipe	37.878425 ° -121.242593 °	37.877636 ° -121.246147 °	12 Y
13	1.30	1.54	Earthen Levee	Encroachments	LS	U	Agricultural tilling	37.877632 ° -121.246886 °	37.880324 ° -121.249212 °	18 Y
14	1.30	1.54	Earthen Levee	Encroachments	WS	U	Agricultural tilling	37.877628 ° -121.246886 °	37.880323 ° -121.249211 °	19 Y
15	1.31	1.54	Earthen Levee	Encroachments	CR	U	Agricultural tilling	37.877628 ° -121.246888 °	37.880323 ° -121.249211 °	20 Y
16	1.44	1.44	Interior Drainage & Piping Systems	Flap Gates	WS	M	Inspector Comments: Flap gate silted up and not able to close.	37.879072 ° -121.248296 °	37.879072 ° -121.248296 °	4 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek						Left	2.87	05/13/2011 05/13/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	1.52	1.58	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: Fix the ditch location at the end of levee mile	37.880076 ° -121.249088 °	37.881073 ° -121.249380 °	2 Y
18	1.60	2.23	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.881111 ° -121.249408 °	37.887959 ° -121.256721 °	11
19	1.60	2.85	Earthen Levee	Encroachments	LS	C	Agricultural tilling	37.881105 ° -121.249423 °	37.888010 ° -121.267278 °	1
20	1.81	2.85	Earthen Levee	Encroachments	CR	C	Agricultural tilling	37.883058 ° -121.252427 °	37.888010 ° -121.267279 °	3
21	1.97	2.85	Earthen Levee	Encroachments	WS	M	Agricultural tilling	37.884764 ° -121.254227 °	37.888010 ° -121.267279 °	5 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/13/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The farmer made a ditch along the landside toe of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110517_552.jpg



Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	0.93
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of vegetation on the waterward side of the levee blocking visibility looking upstream.

pkazi_s_20110328_011.jpg



Levee Mile Report Line	4
Start Levee Mile	0.42
End Levee Mile	0.42
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a prunings pile on the waterward side of the levee looking upstream.

pkazi_s_20110328_007.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/13/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	5
Start Levee Mile	0.45
End Levee Mile	0.45
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of equipment on the waterward side of the levee looking upstream.	
pkazi_s_20110328_006.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.81
End Levee Mile	0.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The farmer was discing the landward slope of the levee. The picture was taken from the landward toe of the levee looking upstream.	
pkazi_s_20110517_553.jpg	



Levee Mile Report Line	9
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Sluice / Slide Gates
View of a slide gate that has been badly damaged and is unable to be closed on the waterward side of the levee.	
pkazi_s_20110328_005.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/13/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

View of a flap gate propped open with a pipe passing through on the waterward side of the levee.

pkazi_s_20110328_010.jpg



Levee Mile Report Line	12
Start Levee Mile	1.07
End Levee Mile	1.27
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a pipe placed in the waterward slope of the levee looking upstream.

pkazi_s_20110328_009.jpg



Levee Mile Report Line	13
Start Levee Mile	1.30
End Levee Mile	1.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of damage to the landward slope of the levee caused by the landowner driving a tractor over the levee looking downstream.

pkazi_s_20110328_012.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/13/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	14
Start Levee Mile	1.30
End Levee Mile	1.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of damage to the waterward slope of the levee caused by the landowner driving a tractor over the levee looking downstream.

pkazi_s_20110328_013.jpg



Levee Mile Report Line	15
Start Levee Mile	1.31
End Levee Mile	1.54
Location	Crown
Category	Earthen Levee
Item	Encroachments

View of damage to the crown of the levee caused by the landowner driving a tractor over the levee looking downstream.

pkazi_s_20110328_014.jpg



Levee Mile Report Line	16
Start Levee Mile	1.44
End Levee Mile	1.44
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

View of a blocked flap gate on the waterward side of the levee. Debris and sediment prevent this gate from closing.

pkazi_s_20110328_002.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/13/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	17
Start Levee Mile	1.52
End Levee Mile	1.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments

An agricultural ditch with running water was found on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110517_551.jpg



Levee Mile Report Line	21
Start Levee Mile	1.97
End Levee Mile	2.85
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of slightly older tilling on the waterward side and slope looking upstream.

pkazi_s_20110328_003.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 02 Littlejohn Creek			Right	3.21
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/13/2011 - 5/13/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&ECD			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek							Right	3.21	05/13/2011 05/13/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.01	1.08	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.875126 ° -121.220117 °	37.877448 ° -121.237305 °	2
2	0.01	1.09	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.875137 ° -121.220115 °	37.877468 ° -121.237307 °	1
3	0.01	1.09	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	37.875137 ° -121.220120 °	37.877468 ° -121.237310 °	11 Y
4	1.49	1.86	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.879594 ° -121.243813 °	37.881199 ° -121.248638 °	4 Y
5	1.56	1.73	Earthen Levee	Encroachments	WS	M	Agricultural tilling Inspector Comments: Farmer is discing the waterward slope.	37.879412 ° -121.244846 °	37.879567 ° -121.247476 °	3 Y
6	1.92	3.20	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.881822 ° -121.249367 °	37.888734 ° -121.268040 °	5
7	1.93	2.65	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.881843 ° -121.249439 °	37.888847 ° -121.258344 °	9
8	2.60	3.20	Earthen Levee	Vegetation	CR	C	Remove the wild growth other than native grasses from the levee slopes.	37.888713 ° -121.257402 °	37.888725 ° -121.268056 °	7
9	2.60	3.20	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.888713 ° -121.257402 °	37.888734 ° -121.268040 °	6
10	2.65	2.65	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.888847 ° -121.258344 °	37.888847 ° -121.258344 °	10 Y
11	2.66	3.17	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.888885 ° -121.258519 °	37.888573 ° -121.267475 °	17 Y
12	2.66	2.66	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing the channel has corroded and can carry water to/from the channel. This pipe needs immediate attention but is likely an older encroachment and may predate the project.	37.888853 ° -121.258640 °	37.888853 ° -121.258640 °	8 Y

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.21	05/13/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	0.01
End Levee Mile	1.09
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The unwanted vegetation was removed from both land and waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110517_548.jpg



Levee Mile Report Line	4
Start Levee Mile	1.49
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

An agricultural ditch was discovered on the landside of the levee. The picture was taken from the crown of the levee looking downstream.

pkazi_s_20110517_549.jpg



Levee Mile Report Line	5
Start Levee Mile	1.56
End Levee Mile	1.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of landowner's tilling on the waterward side and slope of the levee looking downstream.

pkazi_s_20110328_018.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.21	05/13/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	10
Start Levee Mile	2.65
End Levee Mile	2.65
Location	Crown
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the crown of the levee. The picture was taken from the crown looking toward the waterside of the levee.

pkazi_s_20110517_550.jpg



Levee Mile Report Line	11
Start Levee Mile	2.66
End Levee Mile	3.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of an agricultural ditch on the landward side of the levee looking downstream.

pkazi_s_20110328_022.jpg



Levee Mile Report Line	12
Start Levee Mile	2.66
End Levee Mile	2.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a pipe crossing the channel with severe corrosion.

pkazi_s_20110328_021.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles
Unit No. 06 SPRR Drain	Left	0.50

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/12/2011 - 5/12/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Eric Ambriz SJCFC&WCD			
	Jay Jauregui SJCFC			

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Signature of LMA Representative

Date

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 SPRR Drain						Left	0.50	05/12/2011 05/12/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.30	0.30	Earthen Levee	Erosion / Bank Caving	LS	C	Note and monitor erosion site.	37.979221 ° -121.097549 °	37.979221 ° -121.097549 °	1
2	0.30	0.30	Earthen Levee	Erosion / Bank Caving	LS	A	Note and monitor erosion site. Inspector Comments: The erosion site was fixed by the LMA.	37.979221 ° -121.097550 °	37.979221 ° -121.097550 °	2 Y

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 SPRR Drain	Left	0.50	05/12/2011 05/12/2011	Pavel Kazi

Levee Mile Report Line	2
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

The erosion site has been repaired by regrading the surface and applying erosion control mat with sod at the damaged location. The picture was taken from the crown looking upstream.

pkazi_s_20110517_547.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 07 Bear Creek			Right	16.69

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2011 - 4/26/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek							Right	16.69	04/26/2011 04/26/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.39	0.39	Earthen Levee	Encroachments	LS	M	Garbage	38.043677 ° -121.370488 °	38.043677 ° -121.370488 °	4
2	0.39	0.50	Earthen Levee	Encroachments	LS	PO	Fences	38.043682 ° -121.370390 °	38.043511 ° -121.368500 °	1
3	0.61	0.61	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: 4" PVC pipe in the landward levee slope needs to be researched. No connection or outlet is visible.	38.043554 ° -121.366579 °	38.043554 ° -121.366579 °	5 Y
4	0.81	0.81	Earthen Levee	Encroachments	LS	C	Stairways	38.043541 ° -121.363040 °	38.043541 ° -121.363040 °	10
5	1.30	1.30	Earthen Levee	Encroachments	LS	PO	Landscaping	38.043333 ° -121.354274 °	38.043333 ° -121.354274 °	17 Y
6	1.49	1.49	Earthen Levee	Encroachments	LS	C	Stairways	38.043174 ° -121.350866 °	38.043174 ° -121.350866 °	18
7	1.49	1.49	Earthen Levee	Encroachments	LS	A	Stairways	38.043174 ° -121.350870 °	38.043174 ° -121.350870 °	2 Y
8	1.68	1.68	Earthen Levee	Encroachments	LS	C	Stairways Inspector Comments: Concrete has been added to these steps as of fall 2010.	38.043296 ° -121.347452 °	38.043296 ° -121.347452 °	1006
9	1.68	1.68	Earthen Levee	Encroachments	LS	A	Stairways Inspector Comments: The stairway was removed.	38.043269 ° -121.347450 °	38.043296 ° -121.347450 °	3 Y
10	1.71	1.71	Earthen Levee	Encroachments	LS	C	Tree or limb	38.043294 ° -121.346897 °	38.043294 ° -121.346897 °	22
11	1.73	1.73	Earthen Levee	Encroachments	LS	M	Tree or limb	38.043303 ° -121.346407 °	38.043303 ° -121.346407 °	30 Y
12	1.79	1.79	Earthen Levee	Encroachments	LS	M	Debris	38.043297 ° -121.345226 °	38.043297 ° -121.345226 °	6 Y
13	2.13	2.13	Earthen Levee	Encroachments	LS	C	Stairways	38.043258 ° -121.339410 °	38.043258 ° -121.339410 °	35
14	2.13	2.13	Earthen Levee	Encroachments	LS	A	Stairways	38.043258 ° -121.339410 °	38.043258 ° -121.339410 °	7 Y
15	2.30	2.30	Earthen Levee	Encroachments	LS	PO	Landscaping	38.043247 ° -121.336389 °	38.043247 ° -121.336389 °	37 Y
16	2.43	2.43	Earthen Levee	Encroachments	LS	C	Stairways	38.043150 ° -121.334061 °	38.043150 ° -121.334061 °	49
17	2.57	2.65	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood & metal fences	38.043175 ° -121.331472 °	38.043177 ° -121.330183 °	1033 Y
18	2.66	2.67	Earthen Levee	Encroachments	LS	CO	Fences	38.043182 ° -121.329790 °	38.043179 ° -121.329613 °	26 Y

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 07 Bear Creek						Right	16.69	04/26/2011 04/26/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
19	2.67	2.67	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: New pool being built without a permit. The top of the pool is outside of the assumed easement, but it is deep enough that may need some attention.	38.043189 ° -121.329810 °	38.043189 ° -121.329810 °	50 Y
20	2.68	3.04	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Metal fence	38.043160 ° -121.329618 °	38.043166 ° -121.323143 °	1034 Y
21	3.55	3.55	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.043163 ° -121.314012 °	38.043163 ° -121.314012 °	1035
22	3.62	3.62	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.043132 ° -121.312742 °	38.043132 ° -121.312742 °	52
23	3.92	3.92	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Rodent hole was grouted	38.043009 ° -121.307420 °	38.043009 ° -121.307420 °	8 Y
24	3.92	3.92	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.043009 ° -121.307423 °	38.043009 ° -121.307423 °	1036
25	4.80	4.80	Earthen Levee	Erosion / Bank Caving	LS	C	Note and monitor erosion site.	38.046638 ° -121.293674 °	38.046638 ° -121.293674 °	19
26	5.10	5.10	Earthen Levee	Encroachments	LS	M	Equipment	38.049695 ° -121.289964 °	38.049695 ° -121.289964 °	20 Y
27	5.13	5.27	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.049813 ° -121.289474 °	38.050268 ° -121.287048 °	54
28	5.22	5.73	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	° °	° °	11
29	5.50	5.50	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.052128 ° -121.283841 °	38.052128 ° -121.283841 °	55
30	6.03	6.03	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.053109 ° -121.274589 °	38.053109 ° -121.274589 °	56 Y
31	6.19	6.47	Earthen Levee	Encroachments	LS	M	Material Inspector Comments: Landowner has placed soil or other material approximately 2'-3' deep and 10' to 12' wide immediately adjacent to the landward side of the levee.	38.053585 ° -121.271786 °	38.054385 ° -121.266950 °	57 Y
32	7.07	7.07	Earthen Levee	Encroachments	LS	C	Prunings	38.060257 ° -121.260682 °	38.060257 ° -121.260682 °	58
33	7.50	7.50	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	° °	° °	12 Y
34	7.51	7.56	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.064100 ° -121.254658 °	38.064695 ° -121.253924 °	59

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek							Right	16.69	04/26/2011 04/26/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
35	7.78	7.90	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.065182 ° -121.250205 °	38.066167 ° -121.248520 °	60
36	8.84	8.84	Earthen Levee	Encroachments	LS	C	Prunings	38.068223 ° -121.232208 °	38.068223 ° -121.232208 °	23
37	8.87	8.87	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.068319 ° -121.231559 °	38.068319 ° -121.231559 °	29
38	9.06	9.06	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.069536 ° -121.228662 °	38.069536 ° -121.228662 °	987
39	9.15	9.15	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: Ash pile & debris on waterward side of levee.	38.070104 ° -121.227281 °	38.070104 ° -121.227281 °	25
40	9.18	9.18	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.070231 ° -121.226677 °	38.070231 ° -121.226677 °	31 Y
41	9.23	9.23	Earthen Levee	Encroachments	LS	M	Stairways	38.070292 ° -121.225889 °	38.070292 ° -121.225889 °	61 Y
42	9.37	9.37	Earthen Levee	Encroachments	LS	M	Stairways	38.070132 ° -121.223356 °	38.070132 ° -121.223356 °	62 Y
43	9.57	9.57	Earthen Levee	Animal Control	WS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Beaver den in the waterward berm visible from the opposite bank.	38.069901 ° -121.219700 °	38.069901 ° -121.219700 °	79 Y
44	9.65	9.65	Earthen Levee	Animal Control	WS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Beaver den in the waterward berm visible from the opposite bank.	38.070458 ° -121.218596 °	38.070458 ° -121.218596 °	80 Y
45	9.83	9.83	Earthen Levee	Encroachments	LS	M	Debris	38.072948 ° -121.216488 °	38.072948 ° -121.216488 °	28
46	9.91	9.91	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.073359 ° -121.215310 °	38.073359 ° -121.215310 °	13 Y
47	9.91	9.91	Earthen Levee	Encroachments	LS	C	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.073359 ° -121.215305 °	38.073359 ° -121.215305 °	9
48	9.95	9.95	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site. Inspector Comments: Slope stability repair is eroding.	38.073570 ° -121.214694 °	38.073570 ° -121.214694 °	1046 Y
49	10.05	10.05	Earthen Levee	Erosion / Bank Caving	LS	C	Schedule repair of erosion site prior to the next inspection.	38.073958 ° -121.213069 °	38.073958 ° -121.213069 °	1047

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek							Right	16.69	04/26/2011 04/26/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
50	10.05	10.05	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.073972 ° -121.212985 °	38.073972 ° -121.212985 °	34
51	10.07	10.07	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.073981 ° -121.212543 °	38.073981 ° -121.212543 °	63
52	10.09	10.09	Earthen Levee	Encroachments	WS	C	Garbage	38.074079 ° -121.212256 °	38.074079 ° -121.212256 °	64
53	10.20	10.20	Earthen Levee	Encroachments	WS	M	Prunings	38.074479 ° -121.210293 °	38.074479 ° -121.210293 °	65
54	10.24	10.24	Earthen Levee	Encroachments	LS	M	Prunings	38.074653 ° -121.209721 °	38.074653 ° -121.209721 °	66
55	10.29	10.37	Earthen Levee	Encroachments	LS	PO	Fences	38.075141 ° -121.209027 °	38.076275 ° -121.208692 °	67
56	10.38	10.39	Earthen Levee	Encroachments	LS	C	Landscaping Inspector Comments: The owner corrected the landscaping.	38.076325 ° -121.208723 °	38.076587 ° -121.208618 °	1048
57	10.39	10.62	Earthen Levee	Encroachments	LS	C	Fences Inspector Comments: The owner removed the fences from the levee easement.	38.076592 ° -121.208626 °	38.078800 ° -121.205781 °	1049
58	10.42	10.42	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.076128 ° -121.208755 °	38.076128 ° -121.208755 °	988 Y
59	10.57	10.57	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.078300 ° -121.206516 °	38.078300 ° -121.206516 °	68
60	10.95	10.96	Earthen Levee	Encroachments	LS	M	Debris	38.079807 ° -121.201170 °	38.079960 ° -121.201075 °	14 Y
61	12.01	12.01	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Wood slats from the dam stored on the waterward berm.	38.089291 ° -121.185716 °	38.089291 ° -121.185716 °	69
62	12.72	12.72	Earthen Levee	Erosion / Bank Caving	LS	C	Note and monitor erosion site.	38.094435 ° -121.176812 °	38.094435 ° -121.176812 °	41
63	12.72	12.72	Earthen Levee	Erosion / Bank Caving	LS	A	Note and monitor erosion site. Inspector Comments: Erosion site was corrected during Spring 2011 inspection.	38.094435 ° -121.176810 °	38.094435 ° -121.176810 °	15 Y
64	12.80	12.80	Earthen Levee	Encroachments	LS	C	Debris	38.095585 ° -121.176678 °	38.095585 ° -121.176678 °	70
65	13.06	13.06	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Cacti on landward toe and through fence.	38.099206 ° -121.176350 °	38.099206 ° -121.176350 °	42
66	13.14	13.14	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.100255 ° -121.176978 °	38.100255 ° -121.176978 °	71 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 07 Bear Creek						Right	16.69	04/26/2011 04/26/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
67	13.22	13.22	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.101299 ° -121.177728 °	38.101299 ° -121.177728 °	43 Y
68	13.39	13.51	Earthen Levee	Encroachments	LS	PO	Crops	38.103297 ° -121.177588 °	38.104991 ° -121.177134 °	38 Y
69	13.55	13.55	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Shallow pit at the landward toe with nearby prunings.	38.105846 ° -121.176552 °	38.105846 ° -121.176552 °	72 Y
70	13.87	13.87	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.109246 ° -121.173045 °	38.109246 ° -121.173045 °	44
71	13.95	13.95	Earthen Levee	Trim / Thin Trees	LS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.110414 ° -121.172873 °	38.110414 ° -121.172873 °	45
72	13.97	13.97	Earthen Levee	Encroachments	LS	C	Prunings	38.110699 ° -121.172881 °	38.110699 ° -121.172881 °	993
73	13.99	13.99	Earthen Levee	Encroachments	LS	M	Material	38.111026 ° -121.172823 °	38.111026 ° -121.172823 °	1053 Y
74	14.00	14.00	Earthen Levee	Encroachments	LS	PO	Landscaping	38.111051 ° -121.172798 °	38.111051 ° -121.172798 °	47
75	14.08	14.08	Earthen Levee	Encroachments	LS	M	Firewood	38.111902 ° -121.172685 °	38.111902 ° -121.172685 °	39 Y
76	14.09	14.13	Earthen Levee	Encroachments	LS	PO	Landscaping	38.112076 ° -121.172668 °	38.112631 ° -121.172596 °	40 Y
77	14.18	14.18	Earthen Levee	Encroachments	LS	M	Debris	38.113630 ° -121.172478 °	38.113630 ° -121.172478 °	48
78	14.71	14.71	Earthen Levee	Encroachments	WS	M	Prunings	38.120825 ° -121.169924 °	38.120825 ° -121.169924 °	73
79	14.77	14.77	Earthen Levee	Encroachments	WS	M	Pipe Inspector Comments: Landowner has installed a pipe in the access road to take water from the channel for irrigation. Steps have also been dug into the side of the channel.	38.121661 ° -121.169548 °	38.121661 ° -121.169548 °	1054 Y
80	14.89	14.89	Earthen Levee	Crown Surface / Depressions / Rutting	WS	M	Add appropriate gravel or road base. Grade and compact. Inspector Comments: Crown is saturated due to runoff and is difficult to cross. Deep rutting has occurred along the waterward shoulder.	38.123262 ° -121.169591 °	38.123262 ° -121.169591 °	74 Y
81	14.90	14.90	Earthen Levee	Encroachments	WS	M	Prunings	38.123470 ° -121.169661 °	38.123470 ° -121.169661 °	51
82	15.16	15.16	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.126058 ° -121.166810 °	38.126058 ° -121.166810 °	75
83	15.39	15.39	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.127249 ° -121.162921 °	38.127249 ° -121.162921 °	76

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek						Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
84	15.72	15.72	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.130205 ° -121.158466 °	38.130205 ° -121.158466 °	53 Y
85	15.87	15.87	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.130368 ° -121.155566 °	38.130368 ° -121.155566 °	77 Y
86	16.43	16.43	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Joint pole on the landward side of the access road without a permit.	38.137505 ° -121.152044 °	38.137505 ° -121.152044 °	78

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	0.61
End Levee Mile	0.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the end of a 4" PVC pipe in the landward slope of the levee looking landward and upstream.

pkazi_s_20110328_024.jpg



Levee Mile Report Line	5
Start Levee Mile	1.30
End Levee Mile	1.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping blocking visibility within 10' of the landward toe of the levee looking upstream.

pkazi_s_20110328_027.jpg



Levee Mile Report Line	7
Start Levee Mile	1.49
End Levee Mile	1.49
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The stairways from the landside of the levee has been removed. The picture was taken from the crown of the levee looking downstream.

pkazi_s_20110502_519.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	1.68
End Levee Mile	1.68
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The stairway was removed and the site was graded with new material. The picture was taken from the crown looking towards the landside toe of the levee facing upstream.

pkazi_s_20110502_520.jpg



Levee Mile Report Line	11
Start Levee Mile	1.73
End Levee Mile	1.73
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of tree limbs at the landward toe looking landward and upstream.

pkazi_s_20110328_033.jpg



Levee Mile Report Line	12
Start Levee Mile	1.79
End Levee Mile	1.79
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Debris found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110502_521.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	14
Start Levee Mile	2.13
End Levee Mile	2.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The stairways were removed from the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110502_522.jpg



Levee Mile Report Line	15
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping coming through the fence and blocking visibility within 10' of the landward toe looking upstream.

pkazi_s_20110328_035.jpg



Levee Mile Report Line	17
Start Levee Mile	2.57
End Levee Mile	2.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a wood fence adjacent to the landward toe looking upstream.

pkazi_s_20110328_057.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	18
Start Levee Mile	2.66
End Levee Mile	2.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Newer fence built within landside toe of levee at from LM 2.66 to LM 2.67.

pkazi_s_20110328_032.JPG



Levee Mile Report Line	19
Start Levee Mile	2.67
End Levee Mile	2.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a recently constructed pool looking landward.

pkazi_s_20110328_043.jpg



Levee Mile Report Line	19
Start Levee Mile	2.67
End Levee Mile	2.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a recently constructed pool looking upstream.

pkazi_s_20110328_044.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	20
Start Levee Mile	2.68
End Levee Mile	3.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a metal fence adjacent to the landward toe looking upstream.	
pkazi_s_20110328_058.jpg	



Levee Mile Report Line	23
Start Levee Mile	3.92
End Levee Mile	3.92
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes were filled with grout. The picture was taken from the crown of the levee looking upstream.	
pkazi_s_20110502_523.jpg	



Levee Mile Report Line	26
Start Levee Mile	5.10
End Levee Mile	5.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of farming equipment parked at the toe of the levee.	
pkazi_s_20110328_030.jpg	

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	6.03
End Levee Mile	6.03
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

View of a depression in the crown of the levee looking upstream.

pkazi_s_20110328_046.jpg



Levee Mile Report Line	31
Start Levee Mile	6.19
End Levee Mile	6.47
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of soil placed along the landward toe of the levee looking upstream.

pkazi_s_20110328_047.jpg



Levee Mile Report Line	33
Start Levee Mile	7.50
End Levee Mile	7.50
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Erosion caused by vehicular traffic at the shoulder of landward side of the levee. The picture was taken from the crown of the levee looking downstream.

pkazi_s_20110508_524.jpg



*** Location**

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WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	40
Start Levee Mile	9.18
End Levee Mile	9.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Burn piles on the landside of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110508_525.jpg



Levee Mile Report Line	41
Start Levee Mile	9.23
End Levee Mile	9.23
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of steps dug into the landward slope of the levee looking upstream.

pkazi_s_20110328_048.jpg



Levee Mile Report Line	42
Start Levee Mile	9.37
End Levee Mile	9.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of steps dug into the landward slope of the levee adjacent to a ramp looking upstream.

pkazi_s_20110328_049.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	43
Start Levee Mile	9.57
End Levee Mile	9.57
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of a large hole in the waterward berm from across the channel.

pkazi_s_20110328_053.jpg



Levee Mile Report Line	44
Start Levee Mile	9.65
End Levee Mile	9.65
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of a large hole and several smaller holes from across the channel.

pkazi_s_20110328_054.jpg



Levee Mile Report Line	46
Start Levee Mile	9.91
End Levee Mile	9.91
Location	Land Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was located on the landside shoulder of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110508_526.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	48
Start Levee Mile	9.95
End Levee Mile	9.95
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of erosion occurring on a recent slope repair on the landward slope looking upstream.

pkazi_s_20110328_061.jpg



Levee Mile Report Line	58
Start Levee Mile	10.42
End Levee Mile	10.42
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trim tree to allow for visibility of landward levee slope.

pkazi_s_20110328_055.jpg



Levee Mile Report Line	60
Start Levee Mile	10.95
End Levee Mile	10.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Debris located along landside toe of levee from LM 10.95 to LM 10.96.

pkazi_s_20110328_026.JPG



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	63
Start Levee Mile	12.72
End Levee Mile	12.72
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion site was repaired on the landside of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110508_527.jpg



Levee Mile Report Line	66
Start Levee Mile	13.14
End Levee Mile	13.14
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the toe of the landside of the levee during Spring 2011 inspection. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110508_528.jpg



Levee Mile Report Line	67
Start Levee Mile	13.22
End Levee Mile	13.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of trees blocking visibility along the landward toe looking upstream.

pkazi_s_20110328_041.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	68
Start Levee Mile	13.39
End Levee Mile	13.51
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Grape vines within 10' from landside toe of levee from LM 13.39 to 13.51.	
pkazi_s_20110328_036.JPG	



Levee Mile Report Line	69
Start Levee Mile	13.55
End Levee Mile	13.55
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
View of a pit along the landward levee toe looking upstream.	
pkazi_s_20110328_050.jpg	



Levee Mile Report Line	73
Start Levee Mile	13.99
End Levee Mile	13.99
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of irrigation pipe on the landward slope.	
pkazi_s_20110328_065.jpg	

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	75
Start Levee Mile	14.08
End Levee Mile	14.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Move firewood to outside of 10' from landside toe of levee at LM 14.08.

pkazi_s_20110328_037.JPG



Levee Mile Report Line	76
Start Levee Mile	14.09
End Levee Mile	14.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping on landside of levee from LM 14.09 to LM 14.13.

pkazi_s_20110328_038.JPG



Levee Mile Report Line	79
Start Levee Mile	14.77
End Levee Mile	14.77
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a pipe a landowner placed in the access road and waterward slope to pump water from the channel to irrigate their garden.

pkazi_s_20110328_066.jpg



*** Location**

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WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/26/2011 04/26/2011	Pavel Kazi

Levee Mile Report Line	80
Start Levee Mile	14.89
End Levee Mile	14.89
Location	Water Side
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
View of a saturated portion of the access road with rutting, especially at the waterward hinge looking downstream.	
pkazi_s_20110328_051.jpg	



Levee Mile Report Line	84
Start Levee Mile	15.72
End Levee Mile	15.72
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a stump in the landward slope.	
pkazi_s_20110328_045.jpg	



Levee Mile Report Line	85
Start Levee Mile	15.87
End Levee Mile	15.87
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of rodent activity along the landward slope looking upstream.	
pkazi_s_20110328_052.jpg	

*** Location**

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WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles
Unit No. 08 Bear Creek	Left	16.47

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/27/2011 - 4/28/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD			
	Jay Jauregui			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek							Left	16.47	04/27/2011 04/28/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.78	0.78	Earthen Levee	Encroachments	CR	PO	Fences	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1054 Y
2	0.78	0.78	Earthen Levee	Encroachments	WS	W	Stairways	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1055 Y
3	0.78	0.79	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Patio with benches, table, fence, and steps. Utility valve boxes noted.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1056 Y
4	0.79	0.79	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Dock on waterward berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1057 Y
5	0.79	0.81	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Fence and small retaining wall with landscaping and irrigation cut into the landward toe.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1060 Y
6	0.80	0.80	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Dock on waterward side of berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1061 Y
7	0.80	0.80	Earthen Levee	Encroachments	WS	W	Stairways Inspector Comments: Stairs and patio on waterward side and slope.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1062 Y
8	0.80	0.80	Earthen Levee	Encroachments	LS	M	Stairways	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1075 Y
9	0.81	0.81	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Dock on waterward side of berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1067 Y
10	0.81	0.81	Earthen Levee	Encroachments	LS	W	Stairways	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1065 Y
11	0.81	0.81	Earthen Levee	Encroachments	WS	W	Stairways	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1066 Y
12	0.81	0.82	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Fence on short retaining wall cut into the landward toe.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1063 Y
13	0.81	0.82	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Landscaping with irrigation (extends onto waterward side) on landward slope.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1064 Y
14	0.82	0.82	Earthen Levee	Encroachments	WS	PO	Landscaping Inspector Comments: Irrigation system on waterward slope.	38.043063 ° -121.369840 °	38.043063 ° -121.369840 °	4
15	0.82	0.83	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping and irrigation on landward slope. There is also a waterfeature built into the slope. Fall 2010: Only the irrigation still exists and it is black tubing on the surface of the levee.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1068 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
16	0.82	0.83	Earthen Levee	Encroachments	WS PO		Landscaping Inspector Comments: Landscaping and irrigation along the waterward slope. Spring 2010 Update: Landscaping removed, irrigation still exists. Fall 2010: irrigation is now black tubing on the surface of the levee.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1071 Y
17	0.82	0.82	Earthen Levee	Encroachments	WS PO		Buildings Inspector Comments: Dock on waterward side of berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1072 Y
18	0.83	0.83	Earthen Levee	Encroachments	LS W		Stairways Inspector Comments: New stairs on waterward slope.	38.043110 ° -121.369538 °	38.043110 ° -121.369538 °	1 Y
19	0.83	0.84	Earthen Levee	Encroachments	CR PO		Buildings Inspector Comments: Pavers placed on crown of levee.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1076 Y
20	0.83	0.84	Earthen Levee	Encroachments	WS PO		Buildings Inspector Comments: Retaining wall and patio in waterward toe and on berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1080 Y
21	0.83	0.84	Earthen Levee	Encroachments	LS PO		Fences Inspector Comments: Fence with landscaping along top of a large retaining wall in landward toe.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1077 Y
22	0.83	0.84	Earthen Levee	Encroachments	WS PO		Landscaping Inspector Comments: Landscaping with irrigation along the waterward slope. Fall 2010: Most of the landscaping has been removed.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1079 Y
23	0.83	0.83	Earthen Levee	Encroachments	LS W		Stairways Inspector Comments: Stairs from patio down into yard. Large dogs prevented a close view.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1078 Y
24	0.84	0.84	Earthen Levee	Encroachments	WS PO		Buildings Inspector Comments: Dock on waterward side of berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1082 Y
25	0.84	0.84	Earthen Levee	Encroachments	WS W		Stairways Inspector Comments: Stairs on waterward slope.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1081 Y
26	0.84	0.85	Earthen Levee	Encroachments	LS PO		Buildings Inspector Comments: Retaining wall into the landward toe. Some irrigation is still present but landscaping on the slope is not there.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1083 Y
27	0.85	0.85	Earthen Levee	Encroachments	LS W		Stairways	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1085 Y
28	0.85	0.85	Earthen Levee	Encroachments	WS W		Stairways	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1086 Y
29	0.85	0.87	Earthen Levee	Encroachments	LS PO		Buildings Inspector Comments: Retaining wall and patio into the landward slope.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1088 Y
30	0.85	0.87	Earthen Levee	Encroachments	LS CO		Landscaping Inspector Comments: Landscaping and irrigation on the landward slope.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1087 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek							Left	16.47	04/27/2011 04/28/2011	Pavel Kazi
LMR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
31	0.86	0.86	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Dock on waterward side of berm with patio on berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1090 Y
32	0.86	0.86	Earthen Levee	Encroachments	LS	W	Stairways	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1089 Y
33	0.87	0.87	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Shed at the landward toe.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1091 Y
34	0.87	0.87	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Landowner dumping prunings and clippings on the waterward side of the levee.	38.043093 ° -121.368860 °	38.043093 ° -121.368860 °	2 Y
35	0.87	0.88	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Fence on shoulder with an electrical panel and irrigation blocking visibility and access of/to the landward slope and toe. There appear to be some encroachments beyond including landscaping and a pool.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1092 Y
36	0.87	0.88	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Bushes growing above and behind wood fence further obstructing visibility and access.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1093 Y
37	0.88	0.88	Earthen Levee	Encroachments	WS		Buildings Inspector Comments: Dock on waterward side of berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1094 Y
38	1.05	1.07	Earthen Levee	Encroachments	LS	M	Debris	38.043021 ° -121.365131 °	38.043013 ° -121.364724 °	11 Y
39	1.08	1.08	Earthen Levee	Animal Control	WS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.043010 ° -121.364465 °	38.043010 ° -121.364465 °	987
40	1.40	1.40	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.042852 ° -121.358874 °	38.042852 ° -121.358874 °	3
41	1.47	1.47	Earthen Levee	Encroachments	LS	C	Debris Inspector Comments: Lawn clippings along the landward toe.	38.042848 ° -121.357606 °	38.042848 ° -121.357606 °	999
42	1.49	1.49	Earthen Levee	Animal Control	WS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.042837 ° -121.357093 °	38.042837 ° -121.357093 °	15
43	1.57	1.57	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.042812 ° -121.355668 °	38.042812 ° -121.355668 °	18 Y
44	1.61	1.61	Earthen Levee	Encroachments	LS	M	Prunings	38.042805 ° -121.355008 °	38.042805 ° -121.355008 °	19
45	1.71	1.71	Earthen Levee	Encroachments	LS	M	Debris	38.042766 ° -121.353377 °	38.042766 ° -121.353377 °	21
46	1.79	1.79	Earthen Levee	Encroachments	LS	C	Prunings	38.042689 ° -121.351938 °	38.042689 ° -121.351938 °	8

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011	Pavel Kazi	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
47	1.92	1.92	Earthen Levee	Animal Control	LS	M	Repair the levee slope damaged by livestock and prevent large animal access.	38.042759 ° -121.349625 °	38.042759 ° -121.349625 °	22
48	2.04	2.07	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Ivy and oleanders on landward slope.	38.042746 ° -121.347335 °	38.042803 ° -121.346812 °	1006 Y
49	2.06	2.06	Earthen Levee	Encroachments	LS	M	Stairways Inspector Comments: Steps were removed but the hand rails still exists at the location.	38.042805 ° -121.347071 °	38.042805 ° -121.347071 °	1007 Y
50	2.09	2.31	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.042788 ° -121.346558 °	38.042760 ° -121.342548 °	31
51	2.11	2.14	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: The fence is covered by ivy.	38.042797 ° -121.346087 °	38.042787 ° -121.345608 °	1008 Y
52	2.14	2.16	Earthen Levee	Encroachments	LS	CO	Landscaping	38.042786 ° -121.345607 °	38.042779 ° -121.345154 °	1009 Y
53	2.17	2.19	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood fence on landward toe.	38.042779 ° -121.345119 °	38.042775 ° -121.344777 °	1011 Y
54	2.19	2.19	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.042760 ° -121.344784 °	38.042760 ° -121.344784 °	38 Y
55	2.19	2.25	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood fence on landward toe.	38.042775 ° -121.344777 °	38.042773 ° -121.343691 °	1012 Y
56	2.22	2.22	Earthen Levee	Encroachments	LS	C	Prunings	38.042751 ° -121.344156 °	38.042751 ° -121.344156 °	9
57	2.25	2.30	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood fence on the landward slope.	38.042764 ° -121.343690 °	38.042765 ° -121.342620 °	1018 Y
58	2.30	2.38	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link fence on landward slope.	38.042765 ° -121.342620 °	38.042760 ° -121.341167 °	1021 Y
59	2.38	2.38	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Handrails on the landward slope.	38.042758 ° -121.341210 °	38.042758 ° -121.341210 °	10
60	2.38	2.40	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood fence on landward slope.	38.042761 ° -121.341166 °	38.042767 ° -121.340867 °	1023 Y
61	2.40	2.43	Earthen Levee	Encroachments	LS	PO	Fences	38.042764 ° -121.340865 °	38.042751 ° -121.340480 °	1024 Y
62	2.43	2.69	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood fence along landward slope.	38.042752 ° -121.340479 °	38.042717 ° -121.335738 °	1026 Y
63	2.45	2.45	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site. Inspector Comments: Landowner is pumping water from his pool onto the waterward slope causing it to erode.	38.042744 ° -121.340265 °	38.042744 ° -121.340265 °	1028
64	2.45	2.45	Earthen Levee	Erosion / Bank Caving	WS	A	Note and monitor erosion site. Inspector Comments: The erosion site has been repaired.	38.042744 ° -121.340270 °	38.042744 ° -121.340270 °	123 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
65	2.47	2.47	Earthen Levee	Encroachments	LS	C	Firewood	38.042729 ° -121.339659 °	38.042729 ° -121.339659 °	37
66	2.48	2.48	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.042744 ° -121.339671 °	38.042744 ° -121.339671 °	42 Y
67	2.48	2.48	Earthen Levee	Encroachments	LS	U	Stairways	38.042744 ° -121.339671 °	38.042744 ° -121.339671 °	43 Y
68	2.50	2.50	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.042744 ° -121.339192 °	38.042744 ° -121.339192 °	57 Y
69	2.55	2.55	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.042743 ° -121.338343 °	38.042743 ° -121.338343 °	12 Y
70	2.58	2.61	Earthen Levee	Encroachments	LS	PO	Fences	38.042718 ° -121.337506 °	38.042713 ° -121.337074 °	39 Y
71	2.61	2.61	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Fall 2010: Landscaping removed, but shed still exists.	38.042724 ° -121.337075 °	38.042724 ° -121.337075 °	963 Y
72	2.69	2.71	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link fence on landward slope.	38.042718 ° -121.335738 °	38.042718 ° -121.335468 °	1037
73	2.71	2.77	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood fence on landward slope.	38.042713 ° -121.335472 °	38.042715 ° -121.334296 °	1038
74	2.74	2.74	Earthen Levee	Encroachments	LS	M	Prunings	38.042720 ° -121.334887 °	38.042720 ° -121.334887 °	83
75	2.77	2.82	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chainlink fence on landward toe.	38.042715 ° -121.334295 °	38.042714 ° -121.333564 °	1040
76	2.82	2.86	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood fence on landward toe.	38.042716 ° -121.333564 °	38.042714 ° -121.332687 °	1041
77	2.86	2.89	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chainlink fence on landward toe.	38.042714 ° -121.332687 °	38.042710 ° -121.332223 °	1042
78	2.95	3.41	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.042690 ° -121.331070 °	38.042657 ° -121.322917 °	84
79	3.08	3.08	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.042624 ° -121.328781 °	38.042624 ° -121.328781 °	13 Y
80	3.11	3.11	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Tree branches and woods were placed on the landside of the levee.	38.042665 ° -121.328250 °	38.042665 ° -121.328250 °	85 Y
81	3.15	3.15	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.042638 ° -121.327479 °	38.042638 ° -121.327479 °	14 Y
82	3.19	3.19	Earthen Levee	Encroachments	LS	M	Debris	38.042649 ° -121.327013 °	38.042649 ° -121.327013 °	86 Y

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011	Pavel Kazi	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
83	3.19	3.19	Earthen Levee	Encroachments	WS	M	Debris	38.042648 ° -121.327013 °	38.042648 ° -121.327013 °	87
84	3.34	3.41	Earthen Levee	Encroachments	LS	CO	Fences	38.042650 ° -121.324296 °	38.042657 ° -121.322933 °	88
85	3.52	3.52	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.042614 ° -121.320910 °	38.042614 ° -121.320910 °	16
86	3.56	3.72	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood and metal post barbed wire fence at the landward toe.	38.042598 ° -121.320107 °	38.042596 ° -121.317354 °	17
87	3.56	3.73	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.042663 ° -121.320094 °	38.042644 ° -121.317238 °	89
88	4.00	4.00	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.042551 ° -121.312435 °	38.042551 ° -121.312435 °	90
89	4.45	4.66	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.042402 ° -121.304343 °	38.042838 ° -121.300586 °	20
90	4.75	4.75	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: A large pond of water was observed at the landward toe of the levee during Spring 2011 Inspection and the pond was filled in and compacted right after the inspection.	38.043621 ° -121.299324 °	38.043621 ° -121.299324 °	23 Y
91	5.01	5.60	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.044253 ° -121.294869 °	38.049478 ° -121.287236 °	91
92	6.11	6.11	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.052212 ° -121.279423 °	38.052212 ° -121.279423 °	92
93	6.23	6.23	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.052231 ° -121.277234 °	38.052231 ° -121.277234 °	93
94	6.24	6.24	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Vehicle traffic causing minor erosion on the waterward slope, but if allowed to continue, more significant erosion may occur.	38.052215 ° -121.277064 °	38.052215 ° -121.277064 °	25 Y
95	6.29	6.29	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.052190 ° -121.276190 °	38.052190 ° -121.276190 °	26
96	6.68	6.68	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Regrade the crown roadway for proper drainage. Inspector Comments: The depression on the crown has been graded.	38.053165 ° -121.269380 °	38.053165 ° -121.269380 °	124 Y
97	6.68	6.68	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	38.053165 ° -121.269384 °	38.053165 ° -121.269384 °	24

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Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
98	6.78	6.78	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	38.053788 ° -121.267780 °	38.053788 ° -121.267780 °	27
99	7.57	7.62	Earthen Levee	Encroachments	LS	PO	Landscaping	38.061125 ° -121.258760 °	38.061611 ° -121.258137 °	54 Y
100	7.67	7.67	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.062038 ° -121.257486 °	38.062038 ° -121.257486 °	28
101	7.68	7.93	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.062111 ° -121.257294 °	38.064035 ° -121.253727 °	94
102	8.16	8.16	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.064759 ° -121.249833 °	38.064759 ° -121.249833 °	29
103	8.16	8.43	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.064754 ° -121.249811 °	38.066831 ° -121.245738 °	95
104	8.21	8.21	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.065184 ° -121.249045 °	38.065184 ° -121.249045 °	96 Y
105	8.21	8.59	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.065183 ° -121.249044 °	38.066937 ° -121.242858 °	97
106	8.27	8.27	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.065702 ° -121.248175 °	38.065702 ° -121.248175 °	30
107	8.57	8.57	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.066934 ° -121.243168 °	38.066934 ° -121.243168 °	98 Y
108	8.69	8.69	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.066965 ° -121.241116 °	38.066965 ° -121.241116 °	100
109	8.69	8.69	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.066966 ° -121.241115 °	38.066966 ° -121.241115 °	99 Y
110	8.89	8.89	Earthen Levee	Slope Stability	LS	A	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.066988 ° -121.237450 °	38.066988 ° -121.237450 °	125 Y
111	8.89	8.93	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.066981 ° -121.237467 °	38.066982 ° -121.236812 °	101
112	8.89	8.89	Earthen Levee	Slope Stability	LS	C	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.066988 ° -121.237445 °	38.066988 ° -121.237445 °	1101
113	8.95	8.95	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.066988 ° -121.236469 °	38.066988 ° -121.236469 °	102
114	9.09	9.23	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.067325 ° -121.233913 °	38.067809 ° -121.231530 °	103
115	9.36	9.36	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.068567 ° -121.229329 °	38.068567 ° -121.229329 °	104 Y

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	Start	End						Start	End	Photo
116	9.52	9.52	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.069625 ° -121.226987 °	38.069625 ° -121.226987 °	55 Y
117	9.54	9.60	Earthen Levee	Encroachments	LS	M	Agricultural tilling	38.069717 ° -121.226688 °	38.069788 ° -121.225521 °	105 Y
118	9.61	9.61	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.069806 ° -121.225275 °	38.069806 ° -121.225275 °	32 Y
119	9.64	9.64	Earthen Levee	Encroachments	WS	C	Tree or limb	38.069873 ° -121.224874 °	38.069873 ° -121.224874 °	34
120	9.71	9.71	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.069797 ° -121.223550 °	38.069797 ° -121.223550 °	106
121	9.76	9.76	Earthen Levee	Encroachments	WS	PO	Poles	38.069786 ° -121.222752 °	38.069786 ° -121.222752 °	35
122	9.93	9.93	Earthen Levee	Erosion / Bank Caving	WS	A	Note and monitor erosion site. Inspector Comments: The erosion has been repaired	38.069900 ° -121.219640 °	38.069900 ° -121.219640 °	7 Y
123	9.93	9.93	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site. Inspector Comments: Minor erosion at the waterward shoulder starting to advance.	38.069990 ° -121.219643 °	38.069990 ° -121.219643 °	40
124	10.02	10.28	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.070611 ° -121.218450 °	38.072885 ° -121.215104 °	107
125	10.53	10.53	Earthen Levee	Encroachments	LS	M	Material Inspector Comments: Soil placed on the landward slope by the landowner.	38.073959 ° -121.210812 °	38.073959 ° -121.210812 °	44 Y
126	10.53	10.53	Earthen Levee	Encroachments	WS	M	Prunings	38.073956 ° -121.210719 °	38.073956 ° -121.210719 °	45
127	10.68	10.68	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.074870 ° -121.208461 °	38.074870 ° -121.208461 °	108 Y
128	10.78	10.78	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.076327 ° -121.208181 °	38.076327 ° -121.208181 °	46 Y
129	10.79	10.79	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.076357 ° -121.208049 °	38.076357 ° -121.208049 °	110
130	10.79	10.79	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.076356 ° -121.208049 °	38.076356 ° -121.208049 °	109 Y
131	10.83	10.83	Earthen Levee	Erosion / Bank Caving	LS	A	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Depressions on the landward slope was graded.	38.076870 ° -121.207660 °	38.076870 ° -121.207660 °	126 Y
132	10.83	10.83	Earthen Levee	Animal Control	LS	C	Repair the levee slope damaged by livestock and prevent large animal access. Inspector Comments: Rodent activity occurring through the levee from the landward slope to the waterward slope.	38.076866 ° -121.207711 °	38.076866 ° -121.207711 °	50

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011	Pavel Kazi	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
133	10.83	10.83	Earthen Levee	Animal Control	WS	C	Repair the levee slope damaged by livestock and prevent large animal access.	38.076874 ° -121.207719 °	38.076874 ° -121.207719 °	33
134	10.83	10.83	Earthen Levee	Erosion / Bank Caving	LS	C	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Depressions on the landward slope possibly caused by erosion.	38.076870 ° -121.207658 °	38.076870 ° -121.207658 °	51
135	10.84	10.84	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	38.077029 ° -121.207678 °	38.077029 ° -121.207678 °	48
136	10.91	10.91	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.077586 ° -121.206645 °	38.077586 ° -121.206645 °	52
137	11.18	11.18	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.079157 ° -121.202342 °	38.079157 ° -121.202342 °	53
138	11.22	11.22	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.079071 ° -121.201753 °	38.079071 ° -121.201753 °	56 Y
139	11.22	11.22	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.079073 ° -121.201741 °	38.079073 ° -121.201741 °	58
140	11.45	11.45	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.081319 ° -121.198950 °	38.081319 ° -121.198950 °	59
141	11.47	11.64	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Barbed wire fence on landward toe.	38.081609 ° -121.198702 °	38.083333 ° -121.196611 °	1107 Y
142	11.53	11.53	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.082243 ° -121.198036 °	38.082243 ° -121.198036 °	36
143	11.53	11.53	Earthen Levee	Encroachments	LS	M	Prunings	38.082251 ° -121.198028 °	38.082251 ° -121.198028 °	111
144	11.58	11.58	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.082715 ° -121.197360 °	38.082715 ° -121.197360 °	60
145	11.90	11.90	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.085782 ° -121.193103 °	38.085782 ° -121.193103 °	112 Y
146	12.06	12.13	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.086168 ° -121.190322 °	38.086562 ° -121.189175 °	113
147	12.60	12.74	Earthen Levee	Encroachments	LS	PO	Fences	38.091226 ° -121.184034 °	38.091777 ° -121.181578 °	61
148	12.68	12.74	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.091610 ° -121.182751 °	38.091720 ° -121.181706 °	114
149	12.77	13.06	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Barbed wire fence within 10 feet of the landward toe.	38.091814 ° -121.181058 °	38.093124 ° -121.176383 °	62
150	12.93	12.93	Earthen Levee	Slope Stability	LS	C	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.092130 ° -121.178348 °	38.092130 ° -121.178348 °	63

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
151	12.93	12.93	Earthen Levee	Encroachments	LS	PO	Poles	38.092147 ° -121.178319 °	38.092147 ° -121.178319 °	64
152	12.93	12.93	Earthen Levee	Slope Stability	LS	A	Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Rutting on the waterside of the levee was graded.	38.092313 ° -121.178350 °	38.092313 ° -121.178350 °	127 Y
153	13.05	13.05	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.094243 ° -121.176068 °	38.094243 ° -121.176068 °	65
154	13.07	13.17	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.094664 ° -121.176088 °	38.095871 ° -121.175998 °	66
155	13.13	13.13	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.095255 ° -121.176084 °	38.095255 ° -121.176084 °	115
156	13.16	13.16	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.095731 ° -121.176030 °	38.095731 ° -121.176030 °	47
157	13.30	13.30	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.097683 ° -121.175781 °	38.097683 ° -121.175781 °	67
158	13.35	13.35	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.098401 ° -121.175727 °	38.098401 ° -121.175727 °	68
159	13.51	13.59	Earthen Levee	Encroachments	LS	C	Landscaping	38.100559 ° -121.176544 °	38.101535 ° -121.177154 °	6
160	13.52	13.52	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.100734 ° -121.176725 °	38.100734 ° -121.176725 °	116
161	13.54	13.59	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.100930 ° -121.176942 °	38.101585 ° -121.177188 °	5
162	13.68	13.68	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.102940 ° -121.177068 °	38.102940 ° -121.177068 °	117
163	13.74	13.74	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.103728 ° -121.176858 °	38.103728 ° -121.176858 °	1111 Y
164	14.12	14.12	Earthen Levee	Encroachments	LS	C	Debris	38.108018 ° -121.173000 °	38.108018 ° -121.173000 °	49
165	14.15	14.15	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.108517 ° -121.172722 °	38.108517 ° -121.172722 °	69
166	14.33	14.33	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.110960 ° -121.172188 °	38.110960 ° -121.172188 °	70
167	14.53	14.53	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.113897 ° -121.171876 °	38.113897 ° -121.171876 °	118 Y
168	14.78	14.78	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.117378 ° -121.171617 °	38.117378 ° -121.171617 °	71

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 08 Bear Creek						Left	16.47	04/27/2011 04/28/2011		Pavel Kazi
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
169	15.16	15.16	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.122462 ° -121.169126 °	38.122462 ° -121.169126 °	72
170	15.16	15.16	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.122523 ° -121.169150 °	38.122523 ° -121.169150 °	73
171	15.24	15.32	Earthen Levee	Vegetation	CR	U	Remove the wild growth other than native grasses from the levee slopes.	38.123579 ° -121.169205 °	38.123580 ° -121.169205 °	119 Y
172	15.24	15.32	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.123579 ° -121.169210 °	38.123580 ° -121.169210 °	128
173	15.26	15.26	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.124022 ° -121.169140 °	38.124022 ° -121.169140 °	74
174	15.31	15.31	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Materials from the flap board dam on the waterward berm.	38.124650 ° -121.168439 °	38.124650 ° -121.168439 °	75
175	15.32	15.73	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.124595 ° -121.168513 °	38.127209 ° -121.161794 °	120
176	15.33	15.33	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.124711 ° -121.168374 °	38.124711 ° -121.168374 °	76
177	15.35	15.35	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.124931 ° -121.168191 °	38.124931 ° -121.168191 °	77
178	15.39	15.73	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.125462 ° -121.167490 °	38.127209 ° -121.161794 °	121
179	15.41	15.41	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.125438 ° -121.167113 °	38.125438 ° -121.167113 °	78 Y
180	15.49	15.49	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.126057 ° -121.165915 °	38.126057 ° -121.165915 °	79
181	15.72	15.72	Earthen Levee	Slope Stability	WS	C	Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Waterward ramp edge cutting into the slope.	38.127068 ° -121.162134 °	38.127068 ° -121.162134 °	80
182	15.72	15.72	Earthen Levee	Slope Stability	WS	A	Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Damaged waterside slope instability has been repaired.	38.127068 ° -121.162130 °	38.127068 ° -121.162130 °	129 Y
183	15.91	16.14	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.129023 ° -121.159694 °	38.129927 ° -121.155779 °	122
184	15.94	15.94	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion on the waterward berm.	38.129464 ° -121.159112 °	38.129464 ° -121.159112 °	81 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
185	15.96	15.96	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	38.129517 ° -121.159006 °	38.129517 ° -121.159006 °	82

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Crown
Category	Earthen Levee
Item	Encroachments

View of a open fence and gate across the crown at the current start of the unit looking upstream. Limited access has been provided.

pkazi_s_20110328_107.jpg



Levee Mile Report Line	2
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of steps on the waterward slope of the levee looking upstream.

pkazi_s_20110328_108.jpg



Levee Mile Report Line	3
Start Levee Mile	0.78
End Levee Mile	0.79
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a patio with table, benches, and irrigation on the landward side of the levee.

pkazi_s_20110328_109.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

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Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.79
End Levee Mile	0.79
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock off the waterward berm.

pkazi_s_20110328_110.jpg



Levee Mile Report Line	5
Start Levee Mile	0.79
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence on top of a retaining wall in the landward toe of the levee. Some landscaping and irrigation are also present.

pkazi_s_20110328_111.jpg



Levee Mile Report Line	6
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock off the waterward side of the berm.

pkazi_s_20110328_112.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of stairs and patio on the waterward slope and berm looking upstream.	
pkazi_s_20110328_113.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of steps on the landward slope looking upstream.	
pkazi_s_20110328_122.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a dock on the waterward side of the berm.	
pkazi_s_20110328_118.jpg	



* Location LS : Landside WS : Waterside CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

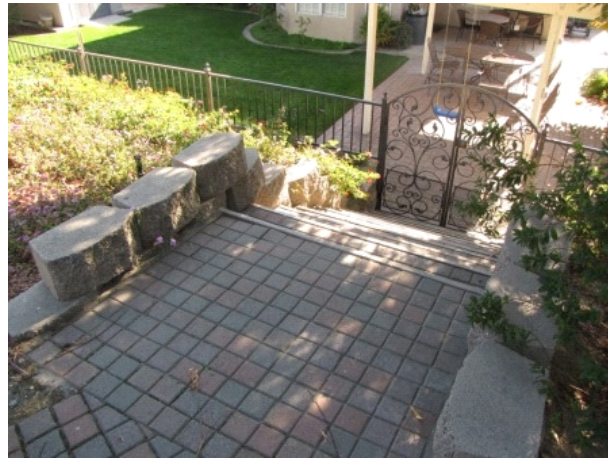
San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	10
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of steps on the landward slope.

pkazi_s_20110328_116.jpg



Levee Mile Report Line	11
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of steps on the waterward slope looking upstream.

pkazi_s_20110328_117.jpg



Levee Mile Report Line	12
Start Levee Mile	0.81
End Levee Mile	0.82
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a open fence on a retaining wall in the landward toe of the levee looking upstream.

pkazi_s_20110328_114.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	13
Start Levee Mile	0.81
End Levee Mile	0.82
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping obstructing visibility and access and irrigation along the landward slope looking upstream.

pkazi_s_20110328_115.jpg



Levee Mile Report Line	15
Start Levee Mile	0.82
End Levee Mile	0.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping and irrigation along the landward slope looking upstream.

pkazi_s_20110328_119.jpg



Levee Mile Report Line	16
Start Levee Mile	0.82
End Levee Mile	0.83
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of landscaping and irrigation on the waterward slope looking upstream.

pkazi_s_20110328_120.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	17
Start Levee Mile	0.82
End Levee Mile	0.82
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock and pathway on the waterward side of the berm.

pkazi_s_20110328_121.jpg



Levee Mile Report Line	18
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of recently modified steps on the waterward slope of the levee looking upstream.

pkazi_s_20110328_067.jpg



Levee Mile Report Line	19
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Crown
Category	Earthen Levee
Item	Encroachments

View of pavers placed on the crown of the levee looking upstream. Potted landscaping and irrigation can also be seen.

pkazi_s_20110328_123.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	20
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a retaining wall and patio with furniture in the waterward toe and berm looking upstream.

pkazi_s_20110328_127.jpg



Levee Mile Report Line	21
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence on top of a large retaining wall in the landward slope looking upstream. Landscaping is growing along the fence.

pkazi_s_20110328_124.jpg



Levee Mile Report Line	22
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of landscaping and irrigation on the waterward slope looking upstream.

pkazi_s_20110328_126.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	23
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of steps on the landward slope and dogs preventing a closer inspection.

pkazi_s_20110328_125.jpg



Levee Mile Report Line	24
Start Levee Mile	0.84
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock on the waterward side of the berm.

pkazi_s_20110328_129.jpg



Levee Mile Report Line	25
Start Levee Mile	0.84
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of steps on the waterward slope of the levee looking upstream.

pkazi_s_20110328_128.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	26
Start Levee Mile	0.84
End Levee Mile	0.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a retaining wall in the landward slope.

pkazi_s_20110328_130.jpg



Levee Mile Report Line	27
Start Levee Mile	0.85
End Levee Mile	0.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of steps on the landward slope looking upstream.

pkazi_s_20110328_131.jpg



Levee Mile Report Line	28
Start Levee Mile	0.85
End Levee Mile	0.85
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of steps on the waterward slope looking upstream.

pkazi_s_20110328_132.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	29
Start Levee Mile	0.85
End Levee Mile	0.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a retaining wall and patio in the landward slope.

pkazi_s_20110328_134.jpg



Levee Mile Report Line	30
Start Levee Mile	0.85
End Levee Mile	0.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping and irrigation on the landward slope looking upstream.

pkazi_s_20110328_133.jpg



Levee Mile Report Line	31
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock and concrete pad on the waterward side of the berm.

pkazi_s_20110328_136.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	32
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of steps on the landward slope looking upstream.

pkazi_s_20110328_135.jpg



Levee Mile Report Line	33
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a shed located at the landward toe looking upstream.

pkazi_s_20110328_137.jpg



Levee Mile Report Line	34
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a prunings pile on the waterward berm looking upstream.

pkazi_s_20110328_068.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	35
Start Levee Mile	0.87
End Levee Mile	0.88
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence at the landward shoulder blocking visibility and access looking upstream. Some encroachments can be seen through the fence but not with any detail. Also visible is an electrical panel and hose bib.

pkazi_s_20110328_138.jpg



Levee Mile Report Line	36
Start Levee Mile	0.87
End Levee Mile	0.88
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of bushes above the fence at the landward shoulder further obstructing visibility looking upstream.

pkazi_s_20110328_139.jpg



Levee Mile Report Line	37
Start Levee Mile	0.88
End Levee Mile	0.88
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock on the waterward side of the berm.

pkazi_s_20110328_140.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	38
Start Levee Mile	1.05
End Levee Mile	1.07
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Picture of the old wood fences along with some debris on the landside of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110429_484.jpg



Levee Mile Report Line	43
Start Levee Mile	1.57
End Levee Mile	1.57
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the waterside of the levee. The picture was taken from the toe at the water side of the levee looking towards the crown.

pkazi_s_20110429_485.jpg



Levee Mile Report Line	48
Start Levee Mile	2.04
End Levee Mile	2.07
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along the landward slope looking upstream. County crews have greatly reduced the amount of material and increased visibility and access.

pkazi_s_20110328_094.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	49
Start Levee Mile	2.06
End Levee Mile	2.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of steps dug into the landward slope looking upstream.

pkazi_s_20110328_095.jpg



Levee Mile Report Line	51
Start Levee Mile	2.11
End Levee Mile	2.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence with landscaping growing on it at the landward toe looking upstream.

pkazi_s_20110328_096.jpg



Levee Mile Report Line	52
Start Levee Mile	2.14
End Levee Mile	2.16
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along the landward slope looking upstream.

pkazi_s_20110328_097.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	53
Start Levee Mile	2.17
End Levee Mile	2.19
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward toe looking upstream.

pkazi_s_20110328_098.jpg



Levee Mile Report Line	54
Start Levee Mile	2.19
End Levee Mile	2.19
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Additional soil was placed by the owner of the property on the landside of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110502_501.jpg



Levee Mile Report Line	55
Start Levee Mile	2.19
End Levee Mile	2.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward toe.

pkazi_s_20110328_099.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	57
Start Levee Mile	2.25
End Levee Mile	2.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a wood fence at the landward toe.

pkazi_s_20110328_100.jpg



Levee Mile Report Line	58
Start Levee Mile	2.30
End Levee Mile	2.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence on the landward slope looking upstream.

pkazi_s_20110328_101.jpg



Levee Mile Report Line	60
Start Levee Mile	2.38
End Levee Mile	2.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence at the landward toe.

pkazi_s_20110328_102.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	61
Start Levee Mile	2.40
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence at the landward toe.

pkazi_s_20110328_103.jpg



Levee Mile Report Line	62
Start Levee Mile	2.43
End Levee Mile	2.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence at the landward toe looking upstream.

pkazi_s_20110328_104.jpg



Levee Mile Report Line	64
Start Levee Mile	2.45
End Levee Mile	2.45
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

No erosion was found on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110502_502.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	64
Start Levee Mile	2.45
End Levee Mile	2.45
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

No visible damage at the site. The picture was taken from the crown of the levee looking towards the toe of landside of the levee.

pkazi_s_20110502_503.jpg



Levee Mile Report Line	66
Start Levee Mile	2.48
End Levee Mile	2.48
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The owner excavated a ditch on the toe at the landside of the levee. The picture was taken from the landside of the levee looking downstream.

pkazi_s_20110429_488.jpg



Levee Mile Report Line	67
Start Levee Mile	2.48
End Levee Mile	2.48
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landside slope was cut to place the stairways on the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110429_487.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	68
Start Levee Mile	2.50
End Levee Mile	2.50
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent hole washed by the water at the waterside of the levee. The picture was taken from the waterside of the levee looking upstream.

pkazi_s_20110429_489.jpg



Levee Mile Report Line	69
Start Levee Mile	2.55
End Levee Mile	2.55
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of stumps along the landward toe looking upstream.

pkazi_s_20110328_070.jpg



Levee Mile Report Line	70
Start Levee Mile	2.58
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fence located on sholder of landside of levee from LM 2.58 to LM 2.61

pkazi_s_20110328_077.JPG



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	71
Start Levee Mile	2.61
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping and shed placed on landward levee slope and within 10' of the toe.

pkazi_s_20110328_091.jpg



Levee Mile Report Line	79
Start Levee Mile	3.08
End Levee Mile	3.08
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of a stump on the landward slope looking upstream.

pkazi_s_20110328_071.jpg



Levee Mile Report Line	80
Start Levee Mile	3.11
End Levee Mile	3.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Tree branches along with other debris were placed on the landside of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110429_490.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	81
Start Levee Mile	3.15
End Levee Mile	3.15
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of a stump on the landward slope looking upstream.

pkazi_s_20110328_072.jpg



Levee Mile Report Line	82
Start Levee Mile	3.19
End Levee Mile	3.19
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Debris on the landside of the levee. Picture was taken from the crown of the levee looking upstream.

pkazi_s_20110429_491.jpg



Levee Mile Report Line	90
Start Levee Mile	4.75
End Levee Mile	4.75
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Large amount of water was discovered on the toe of landside of the levee. The picture was taken from crown of the levee looking upstream.

pkazi_s_20110502_504.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	90
Start Levee Mile	4.75
End Levee Mile	4.75
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Location of the pond of water at the toe of the landside of the levee. The picture was taken from crown looking downstream.

pkazi_s_20110502_505.jpg



Levee Mile Report Line	90
Start Levee Mile	4.75
End Levee Mile	4.75
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Pond of water found at the toe of the landside of the levee. The picture was taken from toe of the levee looking upstream.

pkazi_s_20110502_506.jpg



Levee Mile Report Line	90
Start Levee Mile	4.75
End Levee Mile	4.75
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

The water pond discovered during Spring 2011 inspection has been fixed by the LMA right after the completion of the inspection. The landward side was filled in and compacted. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110517_546.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	94
Start Levee Mile	6.24
End Levee Mile	6.24
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of damage to the waterward slope of the levee due to vehicle traffic looking upstream.

pkazi_s_20110328_075.jpg



Levee Mile Report Line	96
Start Levee Mile	6.68
End Levee Mile	6.68
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

The depression on the crown has been regraded. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110502_507.jpg



Levee Mile Report Line	99
Start Levee Mile	7.57
End Levee Mile	7.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping along landside slope of levee from LM 7.57 to 7.62

pkazi_s_20110328_084.JPG



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	104
Start Levee Mile	8.21
End Levee Mile	8.21
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent hole exists on the landside of the levee. The picture was taken from the landside of the levee facing the crown of the levee.

pkazi_s_20110502_493.jpg



Levee Mile Report Line	107
Start Levee Mile	8.57
End Levee Mile	8.57
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope erosion on the landside of the levee. The picture was taken from the crown looking towards the toe of the levee.

pkazi_s_20110502_494.jpg



Levee Mile Report Line	109
Start Levee Mile	8.69
End Levee Mile	8.69
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Recent hole dug by the rodents at the landside of the levee, but no sign of any rodents around the area. The picture was taken from crown of the levee looking towards toe of the levee.

pkazi_s_20110502_495.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	110
Start Levee Mile	8.89
End Levee Mile	8.89
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

The erosion on the landside of the levee was graded properly. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110502_508.jpg



Levee Mile Report Line	115
Start Levee Mile	9.36
End Levee Mile	9.36
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole at the waterside of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110502_497.jpg



Levee Mile Report Line	116
Start Levee Mile	9.52
End Levee Mile	9.52
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Remove prunings from landside of levee at LM 9.52

pkazi_s_20110328_085.JPG



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	117
Start Levee Mile	9.54
End Levee Mile	9.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Tilling was done by the farmers at the landside toe of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110502_498.jpg



Levee Mile Report Line	118
Start Levee Mile	9.61
End Levee Mile	9.61
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole at the waterside of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_s_20110502_499.jpg



Levee Mile Report Line	122
Start Levee Mile	9.93
End Levee Mile	9.93
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

The erosion on the shoulder of the waterside of the levee is fixed. The picture was taken from the crown of the levee looking downstream.

pkazi_s_20110502_500.jpg



*** Location**

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WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	125
Start Levee Mile	10.53
End Levee Mile	10.53
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of soil placed on the landward slope looking upstream.

pkazi_s_20110328_079.jpg



Levee Mile Report Line	127
Start Levee Mile	10.68
End Levee Mile	10.68
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Sign of some erosion by foot traffic at the shoulder of waterside of the levee. The picture was taken from the crown of the levee looking downstream.

pkazi_s_20110502_509.jpg



Levee Mile Report Line	128
Start Levee Mile	10.78
End Levee Mile	10.78
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes in the waterward slope looking upstream.

pkazi_s_20110328_080.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	130
Start Levee Mile	10.79
End Levee Mile	10.79
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole at the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110502_510.jpg



Levee Mile Report Line	131
Start Levee Mile	10.83
End Levee Mile	10.83
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

The erosion on the landside of the levee has been graded. The picture was taken from the crown looking upstream.

pkazi_s_20110502_511.jpg



Levee Mile Report Line	138
Start Levee Mile	11.22
End Levee Mile	11.22
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110502_512.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	141
Start Levee Mile	11.47
End Levee Mile	11.64
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence at the landward toe looking upstream.

pkazi_s_20110328_142.jpg



Levee Mile Report Line	145
Start Levee Mile	11.90
End Levee Mile	11.90
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole at the shoulder at the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110502_513.jpg



Levee Mile Report Line	152
Start Levee Mile	12.93
End Levee Mile	12.93
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

The depression on the waterside of the levee was graded by adding new material. The picture was taken from the crown looking upstream.

pkazi_s_20110502_514.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	163
Start Levee Mile	13.74
End Levee Mile	13.74
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent activity on landward slope looking upstream.

pkazi_s_20110328_143.jpg



Levee Mile Report Line	167
Start Levee Mile	14.53
End Levee Mile	14.53
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Depression on the waterside of the levee possible caused by foot traffic. The picture was taken from the toe of the waterside of the levee looking towards the crown.

pkazi_s_20110502_515.jpg



Levee Mile Report Line	171
Start Levee Mile	15.24
End Levee Mile	15.32
Location	Crown
Category	Earthen Levee
Item	Vegetation

Vegetation taller than 3 feet covering the crown, waterside and landside. The picture was taken from the crown looking upstream.

pkazi_s_20110502_516.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	171
Start Levee Mile	15.24
End Levee Mile	15.32
Location	Crown
Category	Earthen Levee
Item	Vegetation

Vegetation is covering the crown of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110502_517.jpg



Levee Mile Report Line	179
Start Levee Mile	15.41
End Levee Mile	15.41
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent activity on the landward slope looking upstream.

pkazi_s_20110328_087.jpg



Levee Mile Report Line	182
Start Levee Mile	15.72
End Levee Mile	15.72
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Depression and rutting caused by vehicle traffic was regraded and seeds were placed for erosion control. The picture was taken from the crown looking downstream.

pkazi_s_20110502_518.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/27/2011 04/28/2011	Pavel Kazi

Levee Mile Report Line	184
Start Levee Mile	15.94
End Levee Mile	15.94
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of erosion on the shoulder of the waterward berm looking toward the channel.

pkazi_s_20110328_089.jpg



*** Location**

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WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 09 Paddy Creek			Left	1.54

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/3/2011 - 5/3/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD			
	Jay Jauregui			

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.54	05/03/2011 05/03/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	0.55	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Barbed wire fence within 10 feet of the landward toe.	38.093278 ° -121.176164 °	38.094859 ° -121.167053 °	1
2	0.05	0.05	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.093509 ° -121.175735 °	38.093509 ° -121.175735 °	5 Y
3	0.42	0.42	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: Farmer made a ditch at the toe of the landside of levee.	38.094607 ° -121.169225 °	38.094607 ° -121.169225 °	4 Y
4	0.47	0.47	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.094695 ° -121.168378 °	38.094695 ° -121.168378 °	2
5	0.57	0.57	Earthen Levee	Encroachments	LS	C	Landscaping Inspector Comments: Oleander has been pruned and is not an obstruction at this time but will need further maintenance.	38.094943 ° -121.166583 °	38.094943 ° -121.166583 °	3

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.54	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	2
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Visible rodent holes was found on the shoulder of the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110508_530.jpg



Levee Mile Report Line	3
Start Levee Mile	0.42
End Levee Mile	0.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Agriculture ditch with running water at the toe of the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110508_529.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 10 Paddy Creek			Right	1.42
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/3/2011 - 5/3/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

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Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 10 Paddy Creek						Right	1.42	05/03/2011 05/03/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.02	0.02	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	38.094191 ° -121.175549 °	38.094191 ° -121.175549 °	1 Y
2	0.33	0.33	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	38.094470 ° -121.170067 °	38.094470 ° -121.170067 °	9
3	0.35	1.32	Earthen Levee	Encroachments	LS	PO	Fences	38.095021 ° -121.168428 °	38.094321 ° -121.151156 °	3
4	0.41	0.41	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Non-protected species that should be considered for removal to eliminate future maintenance.	38.095123 ° -121.167424 °	38.095123 ° -121.167424 °	4
5	0.59	0.59	Earthen Levee	Encroachments	LS	A	Pipe Inspector Comments: Abandon pipe was removed along with trim trees.	38.094635 ° -121.164270 °	38.094635 ° -121.164270 °	10 Y
6	0.59	0.59	Earthen Levee	Encroachments	WS	C	Pipe Inspector Comments: Abandoned pipe on the surface of the waterward berm.	38.094635 ° -121.164267 °	38.094635 ° -121.164267 °	8
7	0.59	0.59	Earthen Levee	Trim / Thin Trees	LS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.094703 ° -121.164333 °	38.094703 ° -121.164333 °	2
8	0.71	0.97	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.094606 ° -121.162138 °	38.094708 ° -121.157569 °	7
9	0.87	0.87	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	LS	M	Inspector Comments: Landowner has placed soil and blocked the culvert inlet.	38.094669 ° -121.159315 °	38.094669 ° -121.159315 °	6 Y
10	0.87	0.87	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Several large holes in the waterward berm.	38.094671 ° -121.159286 °	38.094671 ° -121.159286 °	5 Y

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Erosion was found on the shoulder of the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110508_538.jpg



Levee Mile Report Line	5
Start Levee Mile	0.59
End Levee Mile	0.59
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Abandon pipe was removed from the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110508_536.jpg



Levee Mile Report Line	5
Start Levee Mile	0.59
End Levee Mile	0.59
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Tree was trimmed to have visibility of the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110508_537.jpg



*** Location**

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WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Land Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets

View of the entrance to the project drainage culvert blocked by soil placed by the landowner on the landward side looking downstream.

pkazi_s_20110328_149.jpg



Levee Mile Report Line	10
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes in the waterward berm from the channel.

pkazi_s_20110328_148.jpg



Levee Mile Report Line	10
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Erosion above the pilot channel was located but it didn't look like rodent holes. The picture was taken from the toe at the waterside of the levee looking towards the crown.

pkazi_s_20110508_535.jpg



*** Location**

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WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 11 North Paddy Creek			Right	3.56

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/3/2011 - 5/3/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD			
	Jay Jauregui			

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X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 11 North Paddy Creek						Right	3.56	05/03/2011 05/03/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.12	0.12	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.096501 ° -121.169288 °	38.096501 ° -121.169288 °	21
2	0.12	0.12	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Regrade the crown roadway for proper drainage. Inspector Comments: Depression on the crown was repaired	38.096594 ° -121.169290 °	38.096594 ° -121.169290 °	24 Y
3	0.12	0.12	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	38.096594 ° -121.169291 °	38.096594 ° -121.169291 °	20
4	0.17	0.49	Earthen Levee	Encroachments	LS	PO	Fences	38.097243 ° -121.169258 °	38.101853 ° -121.168563 °	2 Y
5	0.17	0.17	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.097296 ° -121.169342 °	38.097296 ° -121.169342 °	18 Y
6	0.17	0.41	Earthen Levee	Encroachments	LS	PO	Crops Inspector Comments: Newly planted trees within 10' from landside toe	38.097342 ° -121.169262 °	38.100685 ° -121.169112 °	3
7	0.26	0.26	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	38.098512 ° -121.169272 °	38.098512 ° -121.169272 °	16
8	0.29	0.29	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.099016 ° -121.169299 °	38.099016 ° -121.169299 °	23
9	0.47	0.47	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.101527 ° -121.168606 °	38.101527 ° -121.168606 °	15 Y
10	0.68	0.68	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.103509 ° -121.166436 °	38.103509 ° -121.166436 °	14
11	0.79	0.79	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.105102 ° -121.166287 °	38.105102 ° -121.166287 °	13
12	1.07	1.15	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.109162 ° -121.165890 °	38.109625 ° -121.164659 °	17
13	1.07	1.16	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Deep ditch recently excavated within 10' of the landward toe.	38.109136 ° -121.165874 °	38.109649 ° -121.164626 °	12 Y
14	1.48	1.48	Earthen Levee	Trim / Thin Trees	LS	C	Tree stumps.	38.111435 ° -121.160407 °	38.111435 ° -121.160407 °	8
15	1.58	1.58	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.112269 ° -121.158930 °	38.112269 ° -121.158930 °	11 Y
16	1.88	1.88	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.115089 ° -121.155547 °	38.115089 ° -121.155547 °	10
17	2.03	2.23	Earthen Levee	Encroachments	LS	PO	Fences	38.116984 ° -121.154293 °	38.118019 ° -121.150827 °	7

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 11 North Paddy Creek						Right	3.56	05/03/2011 05/03/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
18	2.22	2.22	Earthen Levee	Encroachments	WS	C	Material	38.117883 ° -121.151191 °	38.117883 ° -121.151191 °	9
19	2.25	2.42	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Barbed wire fence within 10' of the landward toe.	38.118090 ° -121.150612 °	38.119080 ° -121.148152 °	5
20	2.52	3.55	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.120540 ° -121.147610 °	38.131622 ° -121.138831 °	6
21	2.90	3.14	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.124677 ° -121.144272 °	38.127095 ° -121.142371 °	4
22	2.91	2.91	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.126865 ° -121.143276 °	38.126865 ° -121.143276 °	1
23	2.99	2.99	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.125907 ° -121.144364 °	38.125907 ° -121.144364 °	22
24	3.23	3.23	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.127737 ° -121.141164 °	38.127737 ° -121.141164 °	19

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	2
Start Levee Mile	0.12
End Levee Mile	0.12
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Depression on the crown was repaired. The picture was taken from the crown looking upstream.	
pkazi_s_20110508_544.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.17
End Levee Mile	0.49
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence located from LM 0.17 to LM 0.49 and crops located from LM 0.17 to LM 0.41 within 10' from landside toe of levee.	
pkazi_s_20110328_152.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.17
End Levee Mile	0.17
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of rodent holes in the landward slope looking downstream.	
pkazi_s_20110328_160.jpg	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	0.47
End Levee Mile	0.47
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of damage to the waterward slope caused by pedestrian traffic looking downstream.

pkazi_s_20110328_159.jpg



Levee Mile Report Line	13
Start Levee Mile	1.07
End Levee Mile	1.16
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of a large ditch adjacent to the landward toe of the levee looking along the landward toe, downstream at the upstream limit of the ditch.

pkazi_s_20110328_155.jpg



Levee Mile Report Line	13
Start Levee Mile	1.07
End Levee Mile	1.16
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Additional view of the ditch looking along the landward toe, downstream at the upstream limit of the ditch.

pkazi_s_20110328_156.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	13
Start Levee Mile	1.07
End Levee Mile	1.16
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of the ditch adjacent to the landward toe looking upstream at the upstream limit of the ditch.

pkazi_s_20110328_157.jpg



Levee Mile Report Line	13
Start Levee Mile	1.07
End Levee Mile	1.16
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of the ditch adjacent to the landward toe of the levee looking landward at the downstream limit of the ditch.

pkazi_s_20110328_158.jpg



Levee Mile Report Line	15
Start Levee Mile	1.58
End Levee Mile	1.58
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of a rodent hole in the waterward slope looking downstream.

pkazi_s_20110328_154.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 12 North Paddy Creek			Left	3.53
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/3/2011 - 5/3/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD			
	Jay Jauregui			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek							Left	3.53	05/03/2011 05/03/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.01	0.66	Earthen Levee	Encroachments	LS	PO	Fences	38.095226 ° -121.168822 °	38.103637 ° -121.165796 °	1
2	0.30	0.30	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.099454 ° -121.168776 °	38.099454 ° -121.168776 °	2 Y
3	0.78	1.30	Earthen Levee	Encroachments	LS	PO	Fences	38.105275 ° -121.165562 °	38.109301 ° -121.160586 °	3 Y
4	0.78	0.78	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.105358 ° -121.165723 °	38.105358 ° -121.165723 °	4
5	0.93	1.03	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.107523 ° -121.165785 °	38.108964 ° -121.165448 °	6
6	1.85	1.85	Earthen Levee	Encroachments	LS	M	Debris	38.115077 ° -121.155101 °	38.115077 ° -121.155101 °	18 Y
7	2.18	2.69	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.117772 ° -121.150569 °	38.122268 ° -121.144570 °	5
8	2.22	2.22	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.117773 ° -121.149879 °	38.117773 ° -121.149879 °	23 Y
9	2.37	2.43	Earthen Levee	Encroachments	LS	PO	Landscaping	38.118957 ° -121.147865 °	38.119761 ° -121.147461 °	8 Y
10	2.95	2.95	Interior Drainage & Piping Systems	Flap Gates	WS	U	Inspector Comments: The flap gate is broken and not able to close.	38.125896 ° -121.144001 °	38.125896 ° -121.144001 °	15 Y
11	3.53	3.92	Earthen Levee	Encroachments	CR	U	Fences Inspector Comments: Farmer has moved fence to water shouder of access road in high ground area of the unit. The fence is blocking access and the gate is locked with farmer's lock. Unable to access, inspect or patrol this portion of the unit.	38.134740 ° -121.133335 °	38.134740 ° -121.133335 °	10 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	2
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were located on the waterside of the levee. The picture was taken from crown looking downstream.

pkazi_s_20110508_532.jpg



Levee Mile Report Line	3
Start Levee Mile	0.78
End Levee Mile	1.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fences were found on the landside of the levee. Picture was taken from the crown looking upstream.

pkazi_s_20110508_534.jpg



Levee Mile Report Line	6
Start Levee Mile	1.85
End Levee Mile	1.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of tires on the landward portion of the levee looking upstream.

pkazi_s_20110328_167.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	8
Start Levee Mile	2.22
End Levee Mile	2.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of a tree blocking visibility at the landward toe looking upstream.

pkazi_s_20110328_168.jpg



Levee Mile Report Line	9
Start Levee Mile	2.37
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping on landward levee slope and within 10' of the toe.

pkazi_s_20110328_163.jpg



Levee Mile Report Line	9
Start Levee Mile	2.37
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Updated view of landscaping as of fall 2009. The county has removed as much of the vegetation on the creek side of the fence as they can at this time.

pkazi_s_20110328_164.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	10
Start Levee Mile	2.95
End Levee Mile	2.95
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

View of a flap gate that has been damaged and is unable to completely close.

pkazi_s_20110328_166.jpg



Levee Mile Report Line	11
Start Levee Mile	3.53
End Levee Mile	3.92
Location	Crown
Category	Earthen Levee
Item	Encroachments

Fence along waterward sholder and crown of access road. The road cannot be driven through as the fence blocks access. The gate does not have a county key on the gate.

pkazi_s_20110328_165.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 13 Middle Paddy Creek			Left	1.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/3/2011 - 5/3/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD			
	Jay Jauregui SJCFC&WCD			

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Comments

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek							Left	1.40	05/03/2011 05/03/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	1.38	Earthen Levee	Encroachments	LS	PO	Fences	38.109328 ° -121.159539 °	38.110833 ° -121.138757 °	3
2	0.39	0.39	Earthen Levee	Encroachments	LS	PO	Tank	38.109580 ° -121.153445 °	38.109580 ° -121.153445 °	2 Y
3	0.40	0.40	Interior Drainage & Piping Systems	Flap Gates	WS	U	Inspector Comments: The screw gate is open by the LMA due to the need of irrigtion from April to November, but there still needs to be a passive flow control device to ensure that if the LMA forgets to close the gate, water does not flow landward.	38.109840 ° -121.153048 °	38.109840 ° -121.153048 °	8 Y
4	0.72	0.72	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.111527 ° -121.148520 °	38.111527 ° -121.148520 °	14
5	0.96	0.96	Earthen Levee	Animal Control	WS	A	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The animal burrows were grouted by the LMA.	38.110498 ° -121.144960 °	38.110498 ° -121.144960 °	1 Y
6	0.96	0.96	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	38.110498 ° -121.144964 °	38.110498 ° -121.144964 °	13
7	1.00	1.00	Earthen Levee	Encroachments	WS	C	Debris Inspector Comments: Tire on waterward slope.	38.110846 ° -121.144220 °	38.110846 ° -121.144220 °	5
8	1.10	1.22	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.111641 ° -121.142856 °	38.111484 ° -121.141232 °	6
9	1.11	1.11	Earthen Levee	Animal Control	LS	A	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Animal burrow was grouted by the LMA	38.111711 ° -121.142670 °	38.111711 ° -121.142670 °	4 Y
10	1.11	1.11	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.111711 ° -121.142669 °	38.111711 ° -121.142669 °	12
11	1.15	1.15	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.111996 ° -121.142023 °	38.111996 ° -121.142023 °	11 Y
12	1.16	1.16	Earthen Levee	Animal Control	LS	U	Exterminate rodents and backfill and compact or grout burrows.	38.112005 ° -121.141988 °	38.112005 ° -121.141988 °	7 Y
13	1.21	1.21	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.111555 ° -121.141299 °	38.111555 ° -121.141299 °	10
14	1.32	1.32	Earthen Levee	Erosion / Bank Caving	WS	C	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion occurring in the waterward berm that is starting to encroach into the waterward toe. Possibly due to old rodent issues. Area should be excavated and recompactd to prevent damage to the levee.	38.110660 ° -121.139903 °	38.110660 ° -121.139903 °	9

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.40	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	2
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a tub/tank on the landward slope blocking access and visibility looking upstream.

pkazi_s_20110328_169.jpg



Levee Mile Report Line	3
Start Levee Mile	0.40
End Levee Mile	0.40
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

View of a outfall pipe with a missing flap gate looking from across the channel.

pkazi_s_20110328_171.jpg



Levee Mile Report Line	3
Start Levee Mile	0.40
End Levee Mile	0.40
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

This location has a screw gate and NOT flap gate. The gate remains open during April through November for agricultural purpose and this gate is maintained by the LMA. The picture was taken from crown of the levee looking upstream.

pkazi_s_20110509_545.jpg



*** Location**

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CR : Crown

**** Rating**

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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.40	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	5
Start Levee Mile	0.96
End Levee Mile	0.96
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were grouted by the LMA at the waterside of the levee. The picture was taken from the crown looking towards the toe.

pkazi_s_20110508_539.jpg



Levee Mile Report Line	9
Start Levee Mile	1.11
End Levee Mile	1.11
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were grouted by the LMA on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110508_540.jpg



Levee Mile Report Line	11
Start Levee Mile	1.15
End Levee Mile	1.15
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the shoulder of waterside of the levee. The picture was taken from the waterside of the levee looking towards the landside.

pkazi_s_20110508_541.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.40	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	12
Start Levee Mile	1.16
End Levee Mile	1.16
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of a large hole in the landward slope of the levee looking upstream.

pkazi_s_20110328_170.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 14 Middle Paddy Creek			Right	1.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/3/2011 - 5/3/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD			
	Jay Jauregui SJCFC&WCD			

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek						Right	1.40	05/03/2011 05/03/2011	Pavel Kazi

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.61	0.61	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.111774 ° -121.150073 °	38.111774 ° -121.150073 °	4 Y
2	0.65	0.65	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.112050 ° -121.149524 °	38.112050 ° -121.149524 °	1 Y
3	0.83	0.83	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.110628 ° -121.147429 °	38.110628 ° -121.147429 °	2 Y
4	1.17	1.17	Earthen Levee	Erosion / Bank Caving	WS	A	Note and monitor erosion site. Inspector Comments: Erosion top of the pipe was fixed.	38.112275 ° -121.141620 °	38.112275 ° -121.141620 °	5 Y
5	1.17	1.17	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site.	38.112275 ° -121.141620 °	38.112275 ° -121.141620 °	3

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.61
End Levee Mile	0.61
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion was found on the waterside of the levee.

pkazi_s_20110508_543.jpg



Levee Mile Report Line	2
Start Levee Mile	0.65
End Levee Mile	0.65
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes in the waterward berm looking downstream.

pkazi_s_20110328_173.jpg



Levee Mile Report Line	3
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of a large diameter rodent hole in the waterward berm looking downstream.

pkazi_s_20110328_174.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	05/03/2011 05/03/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	1.17
End Levee Mile	1.17
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion existed on top of the pipe was repaired.
The picture was taken from the crown looking upstream.

pkazi_s_20110508_542.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 15 Mormon Slough			Right	25.62

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/5/2011 - 5/10/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCFC&WCD		Jim Caruso SJCFC&WCD	
	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	
	Eric Ambriz SJCFC&WCD		Eric Ambriz SJCFC&WCD	

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough							Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1	0.27	1.61	Earthen Levee	Encroachments	CR	W	Material Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "W."	38.049658 ° -121.014806 °	38.040100 ° -121.034319 °	141	
2	0.29	0.29	Earthen Levee	Slope Stability	LS	W	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.049528 ° -121.014963 °	38.049528 ° -121.014963 °	13 Y	
3	0.37	0.37	Earthen Levee	Encroachments	WS	C	Debris	38.048853 ° -121.016200 °	38.048853 ° -121.016200 °	23	
4	0.41	1.32	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 11/02/2010: No significant changes observed on site. The mile-long erosion continues to degrade the bank. There are a few trees along the mile-long stretch on the lower bank slope that are affected by the scarp. WS Levee Slope was changed to 2:1. As a result, normalized score increased from 62 to 65. 08/05/2010: Recommended for waterside repair, per CLRO; "water velocity is a major factor for accelerating bank slope erosion." [2010 SiteID: NA0017U15RM0.86]	38.045818 ° -121.023955 °	38.045818 ° -121.023955 °	18 Y	
5	1.52	1.52	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: The LMA were working on fixing the erosion site using excavator during inspection.	38.040202 ° -121.032659 °	38.040202 ° -121.032659 °	995 Y	
6	1.55	1.62	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 11/02/2010: No significant changes observed on site. Bank erosion extends approximately 100 feet downstream and 250 feet upstream of the drop structure. [2010 SiteID: NA0017U15RM1.58]	38.040170 ° -121.033800 °	38.040170 ° -121.033800 °	1 Y	
7	2.03	2.03	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	38.037000 ° -121.040547 °	38.037000 ° -121.040547 °	26 Y	
8	2.08	2.08	Earthen Levee	Encroachments	WS	C	Pipe	38.036359 ° -121.041057 °	38.036359 ° -121.041057 °	2	
9	2.34	2.41	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.033604 ° -121.044243 °	38.033002 ° -121.045090 °	17	
10	2.42	2.57	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site. Inspector Comments: Farmer discing immediately adjacent to the crown roadway.	38.032924 ° -121.045182 °	38.031417 ° -121.047076 °	36 Y	
11	2.43	2.43	Earthen Levee	Encroachments	LS	M	Equipment	38.032807 ° -121.045377 °	38.032807 ° -121.045377 °	35 Y	
12	2.48	2.48	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.032344 ° -121.045956 °	38.032344 ° -121.045956 °	39 Y	
13	2.54	2.54	Earthen Levee	Encroachments	LS	M	Debris	38.031746 ° -121.046768 °	38.031746 ° -121.046768 °	44 Y	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough						Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	2.61	2.61	Earthen Levee	Slope Stability	LS	C	Repair slope instability. Inspector Comments: Pile is still active and there are new excavations. New material has been placed in the excavation.	38.030981 ° -121.047521 °	38.030981 ° -121.047521 °	958 Y
15	2.61	2.61	Earthen Levee	Slope Stability	LS	A	Repair slope instability. Inspector Comments: The slope stability was fixed by the LMA	38.030981 ° -121.047520 °	38.030981 ° -121.047520 °	171 Y
16	2.68	2.68	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	38.030252 ° -121.048311 °	38.030252 ° -121.048311 °	27 Y
17	2.68	2.71	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: retaining wall at toe of slope & irrigation recently placed	38.030173 ° -121.048432 °	38.029949 ° -121.048732 °	66 Y
18	2.71	2.74	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.029924 ° -121.048752 °	38.029641 ° -121.049115 °	47 Y
19	2.73	2.73	Earthen Levee	Encroachments	LS	PO	Landscaping	38.030185 ° -121.049397 °	38.030185 ° -121.049397 °	3 Y
20	2.74	2.75	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Retaining wall at landside toe of levee	38.029641 ° -121.049165 °	38.029505 ° -121.049372 °	959 Y
21	2.86	2.86	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	38.028398 ° -121.051069 °	38.028398 ° -121.051069 °	28 Y
22	2.87	2.87	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.028476 ° -121.050965 °	38.028476 ° -121.050965 °	4 Y
23	2.93	2.93	Earthen Levee	Encroachments	LS	C	Pipe	38.027877 ° -121.051937 °	38.027877 ° -121.051937 °	51 Y
24	2.98	2.98	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.027512 ° -121.052695 °	38.027512 ° -121.052695 °	5 Y
25	2.98	2.98	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	38.027541 ° -121.052592 °	38.027541 ° -121.052592 °	30 Y
26	3.04	3.04	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.027173 ° -121.053526 °	38.027173 ° -121.053526 °	6 Y
27	3.05	3.05	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.027055 ° -121.053732 °	38.027055 ° -121.053732 °	33 Y
28	3.10	3.14	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Farmers are replacing pump, therefore, landside of the levee has uneven slope in that area.	38.026603 ° -121.054303 °	38.026225 ° -121.054767 °	49 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough						Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
29	3.12	3.12	Earthen Levee	Encroachments	LS	C	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.026394 ° -121.054569 °	38.026394 ° -121.054569 °	7
30	3.14	3.15	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 11/02/2010: No significant changes observed on site. Upon further inspection, it appears that a slab of aging concrete lining on the bank slope has slipped, possibly due to a weekend subsoil layer. Fissure cracks have developed and now extend outward from where the initial slip occurred. Erosion of the subsoil layer could further weaken the bank and intrude into the levee prism. It could also affect the stability of the pump structure. [2010 SiteID: NA0017U15RM3.14]	38.026257 ° -121.054829 °	38.026257 ° -121.054829 °	14 Y
31	3.14	3.14	Earthen Levee	Erosion / Bank Caving	WS	A	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion at the bottom of the pipe was repaired; in addition, rocks have been placed for erosion control.	38.026112 ° -121.054840 °	38.026112 ° -121.054840 °	173 Y
32	3.14	3.14	Earthen Levee	Erosion / Bank Caving	WS	C	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion under the concrete armoing has reached the level of the levee crown. Older evidence of rodent activity also noted in the area.	38.026112 ° -121.054835 °	38.026112 ° -121.054835 °	60
33	3.19	3.19	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.025647 ° -121.055484 °	38.025647 ° -121.055484 °	8
34	3.26	3.26	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.025053 ° -121.056457 °	38.025053 ° -121.056457 °	9
35	3.30	3.30	Earthen Levee	Encroachments	LS	C	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.024735 ° -121.056947 °	38.024735 ° -121.056947 °	10
36	3.30	3.30	Earthen Levee	Encroachments	LS	C	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.024670 ° -121.056974 °	38.024670 ° -121.056974 °	11
37	3.32	3.32	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.024484 ° -121.057290 °	38.024484 ° -121.057290 °	50 Y
38	3.35	3.35	Earthen Levee	Encroachments	LS	C	Prunings	38.024220 ° -121.057780 °	38.024220 ° -121.057780 °	42
39	3.37	3.37	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.024063 ° -121.058051 °	38.024063 ° -121.058051 °	62 Y
40	3.37	3.37	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.024063 ° -121.058054 °	38.024063 ° -121.058054 °	61

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough						Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
41	3.40	3.40	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.023821 ° -121.058452 °	38.023821 ° -121.058452 °	1001 Y
42	3.40	3.40	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.023817 ° -121.058465 °	38.023817 ° -121.058465 °	12 Y
43	3.41	3.41	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.023773 ° -121.058540 °	38.023773 ° -121.058540 °	59 Y
44	3.46	3.46	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.023354 ° -121.059230 °	38.023354 ° -121.059230 °	63
45	3.56	3.66	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.022290 ° -121.060422 °	38.021296 ° -121.061643 °	65
46	3.61	3.61	Earthen Levee	Slope Stability	LS	U	Repair slope instability. Inspector Comments: Pit in the landward toe documented in Field Investigation Report 3301.	38.021724 ° -121.061137 °	38.021724 ° -121.061137 °	67 Y
47	3.62	3.62	Earthen Levee	Encroachments	WS	M	Pipe Inspector Comments: A recently placed pipe in the waterward slope may be leaking and was not authorized.	38.021601 ° -121.061284 °	38.021601 ° -121.061284 °	54 Y
48	3.63	3.63	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.021526 ° -121.061309 °	38.021526 ° -121.061309 °	68 Y
49	3.64	3.66	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Landowner is scraping material from the toe and levee slope and piling it toward the landward shoulder. Material should be removed and levee slope recompacted. Spring 2010: Repair attempted, but levee still needs to be reshaped.	38.021466 ° -121.061470 °	38.021218 ° -121.061752 °	1004 Y
50	3.70	3.92	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	38.020849 ° -121.062132 °	38.018383 ° -121.064765 °	69
51	3.72	3.72	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.020576 ° -121.062459 °	38.020576 ° -121.062459 °	64 Y
52	3.87	3.87	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.018982 ° -121.064183 °	38.018982 ° -121.064183 °	71
53	3.92	3.92	Earthen Levee	Cracking	LS	W	Monitor and have inspected by geotechnical engineer. Inspector Comments: There appears to be some cracking and movement along an older erosion repair that should be monitored and evaluated.	38.018468 ° -121.064654 °	38.018468 ° -121.064654 °	70 Y
54	3.96	3.96	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.018061 ° -121.065164 °	38.018061 ° -121.065164 °	73
55	4.10	4.10	Earthen Levee	Encroachments	LS	M	Prunings	38.016515 ° -121.066765 °	38.016515 ° -121.066765 °	76

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough						Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
56	4.13	4.15	Earthen Levee	Encroachments	LS	PO	Landscaping	38.016209 ° -121.067111 °	38.015833 ° -121.067185 °	16
57	4.22	4.22	Earthen Levee	Animal Control	WS	U	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Area has enlarged and is now a significant issue.	38.014965 ° -121.067482 °	38.014965 ° -121.067482 °	966 Y
58	4.29	4.29	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.014025 ° -121.067983 °	38.014025 ° -121.067983 °	19 Y
59	4.37	4.37	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.012894 ° -121.068532 °	38.012894 ° -121.068532 °	72
60	4.38	4.64	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.012794 ° -121.068568 °	38.009268 ° -121.069677 °	77
61	4.83	4.83	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.006725 ° -121.070703 °	38.006725 ° -121.070703 °	80
62	4.89	4.95	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.005986 ° -121.071406 °	38.005256 ° -121.071908 °	1008
63	4.96	4.96	Earthen Levee	Encroachments	LS	M	Equipment	38.005302 ° -121.071867 °	38.005302 ° -121.071867 °	20 Y
64	4.96	4.96	Earthen Levee	Encroachments	WS	M	Equipment	38.005300 ° -121.071863 °	38.005300 ° -121.071863 °	21 Y
65	4.97	4.97	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.005040 ° -121.071886 °	38.005040 ° -121.071886 °	74 Y
66	5.14	5.14	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	38.003023 ° -121.073657 °	38.003023 ° -121.073657 °	1010
67	5.14	5.14	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	38.003021 ° -121.073658 °	38.003021 ° -121.073658 °	1009 Y
68	5.26	11.17	Earthen Levee	Encroachments	CR	W	Material Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "W."	38.001608 ° -121.074935 °	37.961947 ° -121.159963 °	142
69	5.26	5.26	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.001524 ° -121.074976 °	38.001524 ° -121.074976 °	81 Y
70	5.27	5.27	Earthen Levee	Encroachments	WS	M	Debris	38.001543 ° -121.075012 °	38.001543 ° -121.075012 °	22
71	5.31	5.31	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.001152 ° -121.075354 °	38.001152 ° -121.075354 °	75

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough							Right	25.62	05/05/2011 05/10/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
72	5.38	5.45	Earthen Levee	Encroachments	LS	PO	Buildings	38.000308 ° -121.076133 °	37.999502 ° -121.076835 °	24 Y
73	5.42	5.42	Earthen Levee	Encroachments	WS	PO	Landscaping	37.999718 ° -121.076665 °	37.999718 ° -121.076665 °	1012 Y
74	5.60	5.65	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: Walnut piles on waterward shoulder.	37.997619 ° -121.078405 °	37.997043 ° -121.078972 °	1014 Y
75	5.68	5.68	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.996665 ° -121.079308 °	37.996665 ° -121.079308 °	1015
76	5.76	5.86	Earthen Levee	Encroachments	WS	M	Debris	37.995733 ° -121.080102 °	37.994670 ° -121.081207 °	25 Y
77	5.92	5.92	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.993911 ° -121.081852 °	37.993911 ° -121.081852 °	82 Y
78	5.95	6.05	Earthen Levee	Encroachments	WS	M	Garbage	37.993554 ° -121.082192 °	37.992476 ° -121.083241 °	84
79	6.14	6.14	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.991454 ° -121.084097 °	37.991454 ° -121.084097 °	88
80	6.55	6.70	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.986682 ° -121.088406 °	37.984934 ° -121.089805 °	85 Y
81	6.55	6.66	Earthen Levee	Vegetation	CR	W	Control annual grass and weeds on the levee slopes and easements.	37.986681 ° -121.088406 °	37.985383 ° -121.089403 °	86
82	6.55	6.55	Earthen Levee	Encroachments	WS	M	Garbage	37.986594 ° -121.088404 °	37.986594 ° -121.088404 °	89 Y
83	6.58	6.58	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.986378 ° -121.088594 °	37.986378 ° -121.088594 °	97 Y
84	6.58	6.60	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	37.986378 ° -121.088594 °	37.986145 ° -121.088770 °	92
85	6.61	6.61	Earthen Levee	Animal Control	LS	W	Exterminate rodents and backfill and compact or grout burrows.	37.986018 ° -121.088877 °	37.986018 ° -121.088877 °	90 Y
86	6.61	6.61	Earthen Levee	Encroachments	LS	W	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.986128 ° -121.088882 °	37.986128 ° -121.088882 °	29
87	6.70	6.70	Earthen Levee	Encroachments	WS	W	Debris Inspector Comments: A rusted pipe was found on the waterside of the levee.	37.984933 ° -121.089805 °	37.984933 ° -121.089805 °	98
88	6.70	6.70	Earthen Levee	Encroachments	LS	W	Debris	37.984933 ° -121.089805 °	37.984933 ° -121.089805 °	99
89	6.75	6.88	Earthen Levee	Erosion / Bank Caving	LS	W	Note and monitor erosion site. Inspector Comments: Farmer tilling & driving onto levee, causing erosion	37.984518 ° -121.090267 °	37.983260 ° -121.092022 °	79 Y

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough						Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
90	6.87	6.91	Earthen Levee	Encroachments	WS	M	Prunings	37.983324 ° -121.091884 °	37.982936 ° -121.092531 °	91
91	6.91	6.91	Earthen Levee	Trim / Thin Trees	LS	W	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Remove small oak tree under fruit tree.	37.982935 ° -121.092557 °	37.982935 ° -121.092557 °	1019 Y
92	6.94	6.94	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes.	37.982595 ° -121.093042 °	37.982595 ° -121.093042 °	93 Y
93	6.98	7.06	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	37.982332 ° -121.093543 °	37.981713 ° -121.094583 °	94 Y
94	7.09	7.29	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	37.981493 ° -121.095098 °	37.980083 ° -121.098342 °	143
95	7.09	7.30	Earthen Levee	Vegetation	WS	W	Control annual grass and weeds on the levee slopes and easements.	37.981492 ° -121.095099 °	37.980041 ° -121.098459 °	100
96	7.23	7.23	Supplemental	DWR Erosion Survey	WS	N	Inspector Comments: 11/02/2010: Upon review of the site, we found no erosion resembling the one pictured in the 2009 Report. Our team went upstream and downstream of the GPS location and did not find any erosion as described and pictured in the 2009 Report. There is, however, a scarp on the bank that is approximately 20 feet long and a 30 feet wide berm. This item will be removed from the inventory. Site was previously rated "M". [2010 SiteID: NA0017U15RM7.23]	37.980625 ° -121.097194 °	37.980625 ° -121.097194 °	15 Y
97	7.24	7.29	Earthen Levee	Animal Control	LS	W	Exterminate rodents and backfill and compact or grout burrows.	37.980534 ° -121.097496 °	37.980170 ° -121.098388 °	96 Y
98	7.36	7.36	Earthen Levee	Encroachments	WS	M	Garbage	37.979612 ° -121.099390 °	37.979612 ° -121.099390 °	102
99	7.40	7.40	Earthen Levee	Encroachments	LS	W	Equipment	37.979316 ° -121.099745 °	37.979316 ° -121.099745 °	973 Y
100	7.49	7.49	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.978660 ° -121.101253 °	37.978660 ° -121.101253 °	103
101	7.60	7.60	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.978238 ° -121.102960 °	37.978238 ° -121.102960 °	31
102	7.90	7.90	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.975723 ° -121.107205 °	37.975723 ° -121.107205 °	32
103	7.98	7.98	Earthen Levee	Encroachments	LS	W	Equipment	37.974829 ° -121.108405 °	37.974829 ° -121.108405 °	144 Y
104	8.06	8.06	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.974304 ° -121.109625 °	37.974304 ° -121.109625 °	104 Y

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Levee Inspection Report By Mile - Spring 2011

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Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough						Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
105	8.26	8.37	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.972721 ° -121.112621 °	37.971534 ° -121.113715 °	145
106	8.26	8.26	Earthen Levee	Encroachments	LS	W	Debris	37.972738 ° -121.112553 °	37.972738 ° -121.112553 °	34
107	8.37	8.37	Earthen Levee	Vegetation	CR	M	Control annual grass and weeds on the levee slopes and easements.	37.971533 ° -121.113715 °	37.971533 ° -121.113715 °	146
108	8.62	8.65	Earthen Levee	Encroachments	CR	M	Prunings	37.969788 ° -121.116061 °	37.969808 ° -121.117038 °	105 Y
109	8.66	8.66	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.969611 ° -121.117650 °	37.969611 ° -121.117650 °	982
110	8.68	8.70	Earthen Levee	Encroachments	LS	W	Equipment	37.969550 ° -121.117927 °	37.969391 ° -121.118277 °	37 Y
111	8.72	8.72	Earthen Levee	Encroachments	LS	PO	Buildings	37.969305 ° -121.118664 °	37.969305 ° -121.118664 °	83 Y
112	8.80	8.80	Earthen Levee	Encroachments	LS	W	Equipment	37.969133 ° -121.119957 °	37.969133 ° -121.119957 °	38
113	9.31	9.31	Earthen Levee	Encroachments	WS	M	Prunings	37.967171 ° -121.128273 °	37.967171 ° -121.128273 °	1026
114	9.63	9.63	Earthen Levee	Encroachments	WS	CO	Buildings	37.967017 ° -121.133863 °	37.967017 ° -121.133863 °	40 Y
115	9.63	9.75	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.966927 ° -121.134080 °	37.966349 ° -121.135893 °	41
116	10.01	10.01	Earthen Levee	Encroachments	WS	M	Prunings	37.965314 ° -121.140296 °	37.965314 ° -121.140296 °	147
117	10.35	10.35	Earthen Levee	Encroachments	LS	W	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.965055 ° -121.146293 °	37.965055 ° -121.146293 °	87
118	10.62	10.62	Earthen Levee	Encroachments	WS	M	Prunings	37.964942 ° -121.151073 °	37.964942 ° -121.151073 °	78 Y
119	10.67	10.67	Earthen Levee	Encroachments	LS	C	Debris	37.964834 ° -121.151958 °	37.964834 ° -121.151958 °	1027
120	10.76	10.76	Earthen Levee	Encroachments	LS	W	Debris	37.964562 ° -121.153542 °	37.964562 ° -121.153542 °	1028
121	11.00	11.00	Earthen Levee	Encroachments	LS	W	Prunings Inspector Comments: Prunings and ashes piled at the toe.	37.963319 ° -121.157557 °	37.963319 ° -121.157557 °	106
122	11.05	11.05	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.962967 ° -121.158365 °	37.962967 ° -121.158365 °	148 Y

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Unit No. 15 Mormon Slough							Right	25.62	05/05/2011 05/10/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
123	11.08	11.08	Earthen Levee	Encroachments	LS	W	Debris Inspector Comments: Pruning pile that has been previously burned with glass & plastic mixed in.	37.962680 ° -121.158860 °	37.962680 ° -121.158860 °	43
124	11.11	11.11	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows.	37.962338 ° -121.159293 °	37.962338 ° -121.159293 °	149 Y
125	11.12	11.15	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.962274 ° -121.159257 °	37.961959 ° -121.159829 °	1029 Y
126	11.26	11.48	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site. Inspector Comments: Farmer discing into the toe of the levee.	37.961772 ° -121.161625 °	37.960781 ° -121.165153 °	108 Y
127	11.58	11.58	Earthen Levee	Encroachments	LS	M	Equipment	37.960824 ° -121.166996 °	37.960824 ° -121.166996 °	150 Y
128	11.61	11.61	Earthen Levee	Encroachments	LS	PO	Landscaping	37.960762 ° -121.167528 °	37.960762 ° -121.167528 °	109 Y
129	12.08	12.08	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: A rodent hole was discovered close to the toe of the waterside slope of the levee.	37.961901 ° -121.175970 °	37.961901 ° -121.175970 °	174 Y
130	12.08	12.08	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.961901 ° -121.175973 °	37.961901 ° -121.175973 °	989
131	12.21	12.21	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.961945 ° -121.178268 °	37.961945 ° -121.178268 °	45
132	12.68	12.68	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.961173 ° -121.186395 °	37.961173 ° -121.186395 °	110
133	12.71	12.71	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.961131 ° -121.186922 °	37.961131 ° -121.186922 °	111
134	12.75	12.75	Earthen Levee	Encroachments	CR	M	Debris	37.961077 ° -121.187699 °	37.961077 ° -121.187699 °	151
135	12.78	12.78	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.961096 ° -121.188209 °	37.961096 ° -121.188209 °	1033 Y
136	12.80	12.80	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	37.961112 ° -121.188551 °	37.961112 ° -121.188551 °	112 Y
137	12.80	12.80	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.961094 ° -121.188622 °	37.961094 ° -121.188622 °	113
138	12.82	12.82	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.961012 ° -121.189067 °	37.961012 ° -121.189067 °	46

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	Start	End						Start	End	Photo
139	12.82	12.82	Concrete Floodwalls	Monolith Joints	WS	M	Inspector Comments: Burning of prunings pile has burnt the silicone joint sealant. Remove and replace the joint material.	37.961056 ° -121.189006 °	37.961056 ° -121.189006 °	1034
140	13.08	13.08	Earthen Levee	Encroachments	WS	M	Prunings	37.960190 ° -121.193537 °	37.960190 ° -121.193537 °	152 Y
141	13.13	13.19	Earthen Levee	Encroachments	LS	M	Agricultural tilling	37.960064 ° -121.194396 °	37.960497 ° -121.195268 °	153
142	13.25	13.25	Earthen Levee	Encroachments	LS	M	Equipment	37.961002 ° -121.196155 °	37.961002 ° -121.196155 °	114
143	13.26	13.34	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	37.961139 ° -121.196480 °	37.961327 ° -121.197689 °	115
144	13.54	13.54	Earthen Levee	Encroachments	LS	C	Equipment	37.960659 ° -121.201264 °	37.960659 ° -121.201264 °	116
145	13.58	13.58	Earthen Levee	Encroachments	LS	M	Prunings	37.960527 ° -121.201906 °	37.960527 ° -121.201906 °	117 Y
146	13.78	14.98	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.961736 ° -121.204963 °	37.970983 ° -121.223147 °	118
147	13.78	14.98	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation control was corrected by the LMA	37.963157 ° -121.207660 °	37.966674 ° -121.214630 °	172
148	13.95	14.41	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.963157 ° -121.207655 °	37.966674 ° -121.214627 °	119
149	14.85	14.85	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.970064 ° -121.221225 °	37.970064 ° -121.221225 °	154 Y
150	14.90	14.90	Earthen Levee	Encroachments	CR	M	Debris Inspector Comments: Cut up cactus were placed on the crown	37.970433 ° -121.221914 °	37.970433 ° -121.221914 °	155 Y
151	14.95	15.31	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.970850 ° -121.222724 °	37.973212 ° -121.228395 °	1039
152	15.48	15.73	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.974367 ° -121.231233 °	37.975965 ° -121.235213 °	120
153	15.70	15.74	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.975778 ° -121.234629 °	37.976065 ° -121.235329 °	156 Y
154	15.85	15.85	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.976811 ° -121.237096 °	37.976811 ° -121.237096 °	121
155	15.96	16.07	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.977468 ° -121.238744 °	37.978257 ° -121.240469 °	122

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough							Right	25.62	05/05/2011 05/10/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
156	16.09	16.60	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.978480 ° -121.240909 °	37.981949 ° -121.248943 °	1045 Y
157	16.29	16.29	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.979916 ° -121.244221 °	37.979916 ° -121.244221 °	123
158	16.30	16.30	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.979907 ° -121.244077 °	37.979907 ° -121.244077 °	157
159	16.30	16.30	Earthen Levee	Encroachments	WS	M	Debris	37.979909 ° -121.244077 °	37.979909 ° -121.244077 °	158
160	16.49	16.59	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.981191 ° -121.247179 °	37.981832 ° -121.248668 °	124
161	16.79	16.79	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.983419 ° -121.251846 °	37.983419 ° -121.251846 °	125
162	16.90	17.18	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.983976 ° -121.253513 °	37.985845 ° -121.258022 °	126 Y
163	17.23	17.69	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.986117 ° -121.258790 °	37.989236 ° -121.266194 °	1048 Y
164	17.79	18.05	Earthen Levee	Encroachments	LS	PO	Fences	37.990067 ° -121.267757 °	37.991645 ° -121.271827 °	48
165	17.97	18.04	Earthen Levee	Encroachments	LS	C	Landscaping	37.990953 ° -121.270545 °	37.991424 ° -121.271690 °	127
166	18.04	18.30	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.991404 ° -121.271659 °	37.993229 ° -121.275715 °	101
167	18.09	18.25	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.992004 ° -121.272665 °	37.992926 ° -121.274932 °	159
168	18.10	18.10	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	37.991978 ° -121.272524 °	37.991978 ° -121.272524 °	128 Y
169	18.27	18.43	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.993061 ° -121.275308 °	37.994111 ° -121.277871 °	129
170	18.34	18.34	Earthen Levee	Encroachments	LS	C	Debris	37.993607 ° -121.276420 °	37.993607 ° -121.276420 °	130
171	18.54	18.55	Earthen Levee	Encroachments	LS	PO	Landscaping	37.995287 ° -121.277404 °	37.995215 ° -121.277843 °	1052 Y
172	18.60	18.60	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.999901 ° -121.271303 °	37.999901 ° -121.271303 °	131
173	18.62	18.62	Earthen Levee	Encroachments	LS	M	Equipment	37.994874 ° -121.275719 °	37.994874 ° -121.275719 °	1051 Y
174	19.75	19.77	Earthen Levee	Encroachments	LS	PO	Landscaping	37.995277 ° -121.277452 °	37.995216 ° -121.277871 °	107

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough						Right	25.62	05/05/2011 05/10/2011	Pavel Kazi	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
175	19.80	19.86	Earthen Levee	Encroachments	LS	PO	Landscaping	37.994756 ° -121.279161 °	37.994729 ° -121.280718 °	1054 Y
176	19.97	20.22	Earthen Levee	Encroachments	LS	PO	Fences	37.994383 ° -121.282607 °	37.993414 ° -121.286916 °	1055
177	19.97	20.22	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link fence along landward toe and slope.	37.994317 ° -121.282643 °	37.993373 ° -121.286956 °	132
178	20.12	20.12	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.993630 ° -121.285278 °	37.993630 ° -121.285278 °	133
179	20.29	20.29	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.993622 ° -121.288054 °	37.993622 ° -121.288054 °	134
180	20.39	20.39	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.993681 ° -121.289940 °	37.993681 ° -121.289940 °	135
181	20.59	20.59	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.993056 ° -121.293485 °	37.993056 ° -121.293485 °	136
182	20.80	20.91	Earthen Levee	Encroachments	LS	CO	Fences	37.992300 ° -121.296665 °	37.992008 ° -121.298688 °	52
183	20.91	21.01	Earthen Levee	Encroachments	LS	CO	Buildings	37.992015 ° -121.298692 °	37.992103 ° -121.300505 °	53
184	21.05	21.10	Earthen Levee	Encroachments	LS	CO	Fences	37.992163 ° -121.301308 °	37.992170 ° -121.302212 °	55
185	21.11	21.13	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.992050 ° -121.302673 °	37.992007 ° -121.303169 °	137
186	21.42	21.42	Earthen Levee	Encroachments	WS	M	Garbage Inspector Comments: Bottles and various trash was found on the waterside of the levee.	37.989248 ° -121.306882 °	37.989248 ° -121.306882 °	160
187	21.46	21.61	Earthen Levee	Encroachments	LS	PO	Fences	37.988543 ° -121.307211 °	37.986783 ° -121.308158 °	1062 Y
188	21.52	21.73	Earthen Levee	Encroachments	LS	PO	Landscaping	37.987718 ° -121.307630 °	37.985250 ° -121.309249 °	56 Y
189	21.73	21.77	Earthen Levee	Encroachments	LS	PO	Fences	37.985238 ° -121.309264 °	37.984896 ° -121.309735 °	1063 Y
190	22.11	22.11	Earthen Levee	Encroachments	LS	PO	Landscaping	37.981675 ° -121.314329 °	37.981675 ° -121.314329 °	1065 Y
191	22.25	22.25	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.980492 ° -121.316461 °	37.980492 ° -121.316461 °	138
192	22.27	22.32	Earthen Levee	Encroachments	LS	PO	Landscaping	37.980533 ° -121.316473 °	37.980285 ° -121.317410 °	57 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough							Right	25.62	05/05/2011 05/10/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
193	22.36	22.37	Earthen Levee	Encroachments	LS	PO	Fences	37.979996 ° -121.318045 °	37.979969 ° -121.318236 °	95 Y
194	22.42	22.42	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.980523 ° -121.319138 °	37.980523 ° -121.319138 °	139
195	22.59	22.59	Earthen Levee	Erosion / Bank Caving	WS	C	Schedule repair of erosion site prior to the next inspection.	37.981431 ° -121.321889 °	37.981431 ° -121.321889 °	140
196	22.88	22.90	Earthen Levee	Encroachments	LS	CO	Fences	37.982270 ° -121.327070 °	37.982210 ° -121.327567 °	1067 Y
197	23.54	23.69	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Post & Cable Fence	37.980240 ° -121.338605 °	37.979757 ° -121.341113 °	1068 Y
198	24.20	24.21	Earthen Levee	Encroachments	LS	CO	Fences	37.974670 ° -121.347822 °	37.974499 ° -121.347919 °	1070 Y
199	24.21	25.62	Earthen Levee	Encroachments	LS	PO	Landscaping	37.974483 ° -121.347942 °	37.975337 ° -121.372153 °	58 Y
200	24.65	25.59	Earthen Levee	Encroachments	WS	PO	Landscaping Inspector Comments: Landowner plantings, iceplant, etc. with irrigation systems.	37.970707 ° -121.353458 °	37.967737 ° -121.368923 °	1071 Y
201	24.91	24.91	Earthen Levee	Encroachments	LS	W	Stairways	37.968572 ° -121.357318 °	37.968572 ° -121.357318 °	162
202	24.91	24.91	Earthen Levee	Encroachments	WS	W	Stairways	37.968570 ° -121.357318 °	37.968570 ° -121.357318 °	161
203	24.93	24.93	Earthen Levee	Encroachments	LS	W	Stairways	37.968452 ° -121.357534 °	37.968452 ° -121.357534 °	164
204	24.93	24.93	Earthen Levee	Encroachments	WS	W	Stairways	37.968451 ° -121.357535 °	37.968451 ° -121.357535 °	163
205	24.97	24.97	Earthen Levee	Encroachments	WS	W	Stairways	37.968133 ° -121.358222 °	37.968133 ° -121.358222 °	165
206	24.97	24.97	Earthen Levee	Encroachments	WS	W	Stairways	37.968133 ° -121.358222 °	37.968133 ° -121.358222 °	166
207	24.99	24.99	Earthen Levee	Encroachments	WS	W	Stairways	37.968016 ° -121.358501 °	37.968016 ° -121.358501 °	167
208	25.00	25.00	Earthen Levee	Encroachments	WS	W	Stairways	37.967921 ° -121.358753 °	37.967921 ° -121.358753 °	168
209	25.06	25.06	Earthen Levee	Encroachments	WS	W	Stairways	37.967730 ° -121.359759 °	37.967730 ° -121.359759 °	169
210	25.11	25.58	Earthen Levee	Encroachments	WS	W	Stairways Inspector Comments: There are many stairways both water & land side connecting to the dock on the noted levee mile.	37.967911 ° -121.360697 °	37.967626 ° -121.368644 °	170

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	2
Start Levee Mile	0.29
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Rutting and depression was found on the shoulder of landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_554.jpg



Levee Mile Report Line	4
Start Levee Mile	0.41
End Levee Mile	1.32
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking downstream from the left bank.

pkazi_s_20110328_189.jpg



Levee Mile Report Line	4
Start Levee Mile	0.41
End Levee Mile	1.32
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Picture taken in 08/12/2009. Standing from the left bank and looking directly across at a section where tree stability may be affected by erosion.

pkazi_s_20110328_190.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.41
End Levee Mile	1.32
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking upstream from the left bank. In some section of the 4800-ft long bank erosion, there is considerable amount of berm remaining.

pkazi_s_20110328_191.jpg



Levee Mile Report Line	4
Start Levee Mile	0.41
End Levee Mile	1.32
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Standing on the left bank and looking upstream.

pkazi_s_20110328_192.jpg



Levee Mile Report Line	5
Start Levee Mile	1.52
End Levee Mile	1.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of erosion of waterward levee slope looking upstream.

pkazi_s_20110328_256.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	1.55
End Levee Mile	1.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking at bank erosion downstream of the drop structure.

pkazi_s_20110328_176.jpg



Levee Mile Report Line	6
Start Levee Mile	1.55
End Levee Mile	1.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking directly at the drop structure.

pkazi_s_20110328_177.jpg



Levee Mile Report Line	6
Start Levee Mile	1.55
End Levee Mile	1.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking at bank erosion upstream of the drop structure.

pkazi_s_20110328_178.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	1.55
End Levee Mile	1.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking at bank erosion upstream of the drop structure.

pkazi_s_20110328_179.jpg



Levee Mile Report Line	7
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope stability was discovered on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_555.jpg



Levee Mile Report Line	10
Start Levee Mile	2.42
End Levee Mile	2.57
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the landward shoulder where a landowner has disced the levee looking downstream.

pkazi_s_20110328_199.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	2.43
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of equipment on the landward slope of the levee looking downstream.

pkazi_s_20110328_198.jpg



Levee Mile Report Line	12
Start Levee Mile	2.48
End Levee Mile	2.48
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of a tree blocking visibility on the landward slope looking downstream.

pkazi_s_20110328_201.jpg



Levee Mile Report Line	13
Start Levee Mile	2.54
End Levee Mile	2.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of debris at the landward toe looking landward.

pkazi_s_20110328_205.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	15
Start Levee Mile	2.61
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

The slope stability found on previous inspection has been repaired by the LMA. The picture was taken from the crown looking donstream.

pkazi_s_20110519_556.jpg



Levee Mile Report Line	16
Start Levee Mile	2.68
End Levee Mile	2.68
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope stability was found on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_557.jpg



Levee Mile Report Line	17
Start Levee Mile	2.68
End Levee Mile	2.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Recently built retaining wall at toe of landside levee at LM 2.68.

pkazi_s_20110328_217.JPG



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

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Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	17
Start Levee Mile	2.68
End Levee Mile	2.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Updated view as of Spring 2009. Landscaping and irrigation has been added at the toe of the levee.

pkazi_s_20110328_218.jpg



Levee Mile Report Line	20
Start Levee Mile	2.74
End Levee Mile	2.75
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of retaining wall and landscaping along the landward toe of the levee.

pkazi_s_20110328_253.jpg



Levee Mile Report Line	21
Start Levee Mile	2.86
End Levee Mile	2.86
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope stability was found on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_558.jpg



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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2011

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Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	25
Start Levee Mile	2.98
End Levee Mile	2.98
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope stability was found on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_559.jpg



Levee Mile Report Line	27
Start Levee Mile	3.05
End Levee Mile	3.05
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Animal burrow was found on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_560.jpg



Levee Mile Report Line	28
Start Levee Mile	3.10
End Levee Mile	3.14
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope stability was found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110519_561.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	3.14
End Levee Mile	3.15
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Standing on the left bank looking directly at the erosion site.

pkazi_s_20110328_181.jpg



Levee Mile Report Line	30
Start Levee Mile	3.14
End Levee Mile	3.15
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking upstram of the erosion site.

pkazi_s_20110328_182.jpg



Levee Mile Report Line	30
Start Levee Mile	3.14
End Levee Mile	3.15
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking upstream of the erosion site.

pkazi_s_20110328_183.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

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N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	3.14
End Levee Mile	3.15
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking downstream of the erosion site.

pkazi_s_20110328_184.jpg



Levee Mile Report Line	31
Start Levee Mile	3.14
End Levee Mile	3.14
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion around and under the pipe has been fixed. The picture was taken from the crown looking toward the waterside.

pkazi_s_20110519_579.jpg



Levee Mile Report Line	31
Start Levee Mile	3.14
End Levee Mile	3.14
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Rocks have been placed to control the erosion on the waterside slope of the levee. The picture was taken at the location of the pipe looking waterside of the levee.

pkazi_s_20110519_580.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	37
Start Levee Mile	3.32
End Levee Mile	3.32
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes was found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110519_562.jpg



Levee Mile Report Line	39
Start Levee Mile	3.37
End Levee Mile	3.37
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes in the waterward slope looking downstream.

pkazi_s_20110328_214.jpg



Levee Mile Report Line	41
Start Levee Mile	3.40
End Levee Mile	3.40
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes on landward slope of levee.

pkazi_s_20110328_257.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	42
Start Levee Mile	3.40
End Levee Mile	3.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Burn pile and new material was placed at the toe of the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_563.jpg



Levee Mile Report Line	43
Start Levee Mile	3.41
End Levee Mile	3.41
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes was found on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_564.jpg



Levee Mile Report Line	46
Start Levee Mile	3.61
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

A pit was dug out by the farmers at the toe of landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_565.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	47
Start Levee Mile	3.62
End Levee Mile	3.62
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a recently place pipe in the waterward slope looking downstream.

pkazi_s_20110328_208.jpg



Levee Mile Report Line	48
Start Levee Mile	3.63
End Levee Mile	3.63
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of a rodent hole and tailings on the waterward slope looking waterward.

pkazi_s_20110328_219.jpg



Levee Mile Report Line	49
Start Levee Mile	3.64
End Levee Mile	3.66
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of excavations and embankments created by landowner along the landward slope looking downstream.

pkazi_s_20110328_258.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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U : Unacceptable

PO : Partially Obstructing
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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	49
Start Levee Mile	3.64
End Levee Mile	3.66
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Updated view of the location with a partially completed repair looking downstream.

pkazi_s_20110328_259.jpg



Levee Mile Report Line	51
Start Levee Mile	3.72
End Levee Mile	3.72
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

Depression on the crown was found due to vehicular traffic. The picture was taken from the crown looking downstream.

pkazi_s_20110519_566.jpg



Levee Mile Report Line	53
Start Levee Mile	3.92
End Levee Mile	3.92
Location	Land Side
Category	Earthen Levee
Item	Cracking

View of cracking on the waterward shoulder occurring at an erosion repair looking downstream.

pkazi_s_20110328_221.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	57
Start Levee Mile	4.22
End Levee Mile	4.22
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent activity and resulting damage to the levee in the waterward slope looking downstream as of fall 2010.

pkazi_s_20110328_254.jpg



Levee Mile Report Line	58
Start Levee Mile	4.29
End Levee Mile	4.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Example of a prunings pile immediately adjacent to access road at LM 4.29. Evidence of habitual burnings at this site.

pkazi_s_20110328_193.JPG



Levee Mile Report Line	63
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of equipment along the landward slope looking downstream.

pkazi_s_20110328_194.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	64
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of equipment along the waterward side of the levee crown looking downstream.

pkazi_s_20110328_195.jpg



Levee Mile Report Line	65
Start Levee Mile	4.97
End Levee Mile	4.97
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of prunings pile along the waterward side of the crown looking downstream.

pkazi_s_20110328_222.jpg



Levee Mile Report Line	67
Start Levee Mile	5.14
End Levee Mile	5.14
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of a slip in the waterward levee slope looking downstream.

pkazi_s_20110328_260.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	69
Start Levee Mile	5.26
End Levee Mile	5.26
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of trees on the landward slope blocking visibility and access looking downstream.

pkazi_s_20110328_226.jpg



Levee Mile Report Line	72
Start Levee Mile	5.38
End Levee Mile	5.45
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Building located immediately adjacent to access road approximately from LM 5.38 to 5.45

pkazi_s_20110328_197.JPG



Levee Mile Report Line	73
Start Levee Mile	5.42
End Levee Mile	5.42
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of landscaping planted along the waterward side of the access road impacting visibility and the ability to floodfight looking downstream.

pkazi_s_20110328_261.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	74
Start Levee Mile	5.60
End Levee Mile	5.65
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of discarded nut shells placed along the waterward slope to be burned looking downstream.

pkazi_s_20110328_262.jpg



Levee Mile Report Line	76
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Broken concrete pipes and other debris was found on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_567.jpg



Levee Mile Report Line	77
Start Levee Mile	5.92
End Levee Mile	5.92
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent activity in the waterward slope looking downstream.

pkazi_s_20110328_227.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	80
Start Levee Mile	6.55
End Levee Mile	6.70
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Wild growth on the waterside of the levee obstructing the view of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_568.jpg



Levee Mile Report Line	82
Start Levee Mile	6.55
End Levee Mile	6.55
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of garbage on the waterward slope and berm looking downstream.

pkazi_s_20110328_229.jpg



Levee Mile Report Line	83
Start Levee Mile	6.58
End Levee Mile	6.58
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_569.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	85
Start Levee Mile	6.61
End Levee Mile	6.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent activity in the landward slope looking downstream.

pkazi_s_20110328_230.jpg



Levee Mile Report Line	89
Start Levee Mile	6.75
End Levee Mile	6.88
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Farming equipment grading into the landside toe of the levee located at LM 6.90. Backfill and compact to design shape and attempt to prevent future damage.

pkazi_s_20110328_224.JPG



Levee Mile Report Line	91
Start Levee Mile	6.91
End Levee Mile	6.91
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of trees obstructing visibility and the ability to floodfight along the landward slope.

pkazi_s_20110328_263.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	92
Start Levee Mile	6.94
End Levee Mile	6.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of vegetation on the landward slope blocking visibility looking downstream.

pkazi_s_20110328_231.jpg



Levee Mile Report Line	93
Start Levee Mile	6.98
End Levee Mile	7.06
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of tree branches on the landward slope blocking visibility looking downstream.

pkazi_s_20110328_232.jpg



Levee Mile Report Line	96
Start Levee Mile	7.23
End Levee Mile	7.23
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking downstream at the site.

pkazi_s_20110328_185.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	96
Start Levee Mile	7.23
End Levee Mile	7.23
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking downstream at the site.

pkazi_s_20110328_186.jpg



Levee Mile Report Line	96
Start Levee Mile	7.23
End Levee Mile	7.23
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking downstream at the bank scarp. Minor erosion is not affecting the levee due to a wide berm.

pkazi_s_20110328_187.jpg



Levee Mile Report Line	97
Start Levee Mile	7.24
End Levee Mile	7.29
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent activity in the landward slope looking downstream.

pkazi_s_20110328_234.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	99
Start Levee Mile	7.40
End Levee Mile	7.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Move farmer's equipment 10' away from access road/levee.	
pkazi_s_20110328_255.jpg	



Levee Mile Report Line	103
Start Levee Mile	7.98
End Levee Mile	7.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipments were left out by the farmers on the landside of the levee. The picture was taken from crown looking toward the landside of the levee.	
pkazi_s_20110519_570.jpg	



Levee Mile Report Line	104
Start Levee Mile	8.06
End Levee Mile	8.06
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of arrundo on the waterward shoulder and slope blocking visibility looking downstream.	
pkazi_s_20110328_235.jpg	

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	108
Start Levee Mile	8.62
End Levee Mile	8.65
Location	Crown
Category	Earthen Levee
Item	Encroachments

View of vegetation and prunings on what is believed to be the crown of the levee looking downstream.

pkazi_s_20110328_236.jpg



Levee Mile Report Line	110
Start Levee Mile	8.68
End Levee Mile	8.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Remove equipment from landside slope of levee at from LM 8.68 to LM 8.70.

pkazi_s_20110328_200.JPG



Levee Mile Report Line	111
Start Levee Mile	8.72
End Levee Mile	8.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Building, fence and landscaping immediately adjacent to the access road at LM 8.72.

pkazi_s_20110328_228.JPG



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	114
Start Levee Mile	9.63
End Levee Mile	9.63
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Building located at LM 9.63 on waterside of access road. This building appears to be recently constructed and does not currently contain anything.	
pkazi_s_20110328_202.JPG	



Levee Mile Report Line	114
Start Levee Mile	9.63
End Levee Mile	9.63
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Additional view of building at LM 9.63.	
pkazi_s_20110328_203.JPG	



Levee Mile Report Line	118
Start Levee Mile	10.62
End Levee Mile	10.62
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of the prunings pile on the waterward slope looking downstream.	
pkazi_s_20110328_223.jpg	

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	122
Start Levee Mile	11.05
End Levee Mile	11.05
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes was found on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_571.jpg



Levee Mile Report Line	124
Start Levee Mile	11.11
End Levee Mile	11.11
Location	Crown
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the crown. The picture was taken from the crown looking upstream.

pkazi_s_20110519_572.jpg



Levee Mile Report Line	125
Start Levee Mile	11.12
End Levee Mile	11.15
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes in the waterward slope.

pkazi_s_20110328_265.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	126
Start Levee Mile	11.26
End Levee Mile	11.48
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the damage caused to the levee by a farmer's tilling activity looking downstream.

pkazi_s_20110328_237.jpg



Levee Mile Report Line	127
Start Levee Mile	11.58
End Levee Mile	11.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Equipments on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_s_20110519_573.jpg



Levee Mile Report Line	128
Start Levee Mile	11.61
End Levee Mile	11.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of cactus within 10 feet of the landward toe blocking visibility and access.

pkazi_s_20110328_238.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	129
Start Levee Mile	12.08
End Levee Mile	12.08
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was discovered on the waterside slope of the levee. The picture was taken from the opposite side of the channel.

pkazi_s_20110523_592.jpg



Levee Mile Report Line	135
Start Levee Mile	12.78
End Levee Mile	12.78
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes in the landward slope of the levee.

pkazi_s_20110328_266.jpg



Levee Mile Report Line	136
Start Levee Mile	12.80
End Levee Mile	12.80
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of erosion occurring on the landward slope looking downstream.

pkazi_s_20110328_239.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	140
Start Levee Mile	13.08
End Levee Mile	13.08
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Pruning on the waterside of the levee looking downstream.

pkazi_s_20110519_574.jpg



Levee Mile Report Line	145
Start Levee Mile	13.58
End Levee Mile	13.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a prunings pile on the landward slope looking downstream. The resident stated it would be moved in a few weeks.

pkazi_s_20110328_241.jpg



Levee Mile Report Line	149
Start Levee Mile	14.85
End Levee Mile	14.85
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

Crown depression was discovered possible caused by vehicular traffic. The picture was taken from the crown looking downstream.

pkazi_s_20110519_576.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	150
Start Levee Mile	14.90
End Levee Mile	14.90
Location	Crown
Category	Earthen Levee
Item	Encroachments

Cactus was found on the middle of the crown. The picture was taken from the crown looking downstream.

pkazi_s_20110519_577.jpg



Levee Mile Report Line	153
Start Levee Mile	15.70
End Levee Mile	15.74
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Multiple rodent holes was found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110519_578.jpg



Levee Mile Report Line	156
Start Levee Mile	16.09
End Levee Mile	16.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a ditch adjacent to the landward toe looking downstream.

pkazi_s_20110328_267.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	162
Start Levee Mile	16.90
End Levee Mile	17.18
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of vegetation blocking visibility along the landward slope looking downstream.

pkazi_s_20110328_245.jpg



Levee Mile Report Line	163
Start Levee Mile	17.23
End Levee Mile	17.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of vegetation blocking visibility and access along the landward toe looking downstream.

pkazi_s_20110328_268.jpg



Levee Mile Report Line	168
Start Levee Mile	18.10
End Levee Mile	18.10
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of a small clump of trees on the landward slope blocking visibility and access looking downstream.

pkazi_s_20110328_247.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	171
Start Levee Mile	18.54
End Levee Mile	18.55
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landowner planted and maintained vegetation along the landward slope looking downstream.

pkazi_s_20110328_270.jpg



Levee Mile Report Line	173
Start Levee Mile	18.62
End Levee Mile	18.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of equipment on the landward slope and toe looking downstream.

pkazi_s_20110328_269.jpg



Levee Mile Report Line	175
Start Levee Mile	19.80
End Levee Mile	19.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landowner planted and maintained vegetation along the landward slope looking downstream.

pkazi_s_20110328_271.jpg



*** Location**

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WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	187
Start Levee Mile	21.46
End Levee Mile	21.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along the landward toe looking downstream.

pkazi_s_20110328_272.jpg



Levee Mile Report Line	188
Start Levee Mile	21.52
End Levee Mile	21.73
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along the landward slope and toe looking downstream.

pkazi_s_20110328_209.jpg



Levee Mile Report Line	189
Start Levee Mile	21.73
End Levee Mile	21.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along the landward shoulder looking downstream.

pkazi_s_20110328_273.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	190
Start Levee Mile	22.11
End Levee Mile	22.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping maintained by UOP along the landward slope looking downstream.

pkazi_s_20110328_274.jpg



Levee Mile Report Line	192
Start Levee Mile	22.27
End Levee Mile	22.32
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along the landward toe of the levee looking downstream.

pkazi_s_20110328_210.jpg



Levee Mile Report Line	193
Start Levee Mile	22.36
End Levee Mile	22.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fence located from LM 22.36 to LM 22.37 significantly encroaches onto landside levee slope.

pkazi_s_20110328_233.JPG



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	196
Start Levee Mile	22.88
End Levee Mile	22.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along the landward shoulder looking downstream.

pkazi_s_20110328_275.jpg



Levee Mile Report Line	197
Start Levee Mile	23.54
End Levee Mile	23.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along landward shoulder looking downstream.

pkazi_s_20110328_276.jpg



Levee Mile Report Line	198
Start Levee Mile	24.20
End Levee Mile	24.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along the landward shoulder looking downstream.

pkazi_s_20110328_277.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	05/05/2011 05/10/2011	Pavel Kazi

Levee Mile Report Line	199
Start Levee Mile	24.21
End Levee Mile	25.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of typical landowner planted and maintained landscaping and irrigation along the landward shoulder, slope, and toe looking downstream.

pkazi_s_20110328_211.jpg



Levee Mile Report Line	200
Start Levee Mile	24.65
End Levee Mile	25.59
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of typical landowner planted and maintained landscaping and irrigation along the waterward shoulder and slope looking downstream.

pkazi_s_20110328_278.jpg



*** Location**

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WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 16 Mormon Slough			Left	24.00
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/10/2011 - 5/13/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Eric Ambriz SJCFC&WCD			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough							Left	24.00	05/10/2011 05/13/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1	0.00	11.46	Earthen Levee	Encroachments	CR	W	Material Inspector Comments: This portion of the unit contains a non-project levee and access road. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "W."	38.050918 ° -121.012115 °	37.960280 ° -121.164353 °	193	
2	0.32	0.32	Earthen Levee	Encroachments	CR	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.048055 ° -121.016667 °	38.048055 ° -121.016667 °	50 Y	
3	0.54	0.54	Earthen Levee	Encroachments	WS	CO	Buildings	38.046569 ° -121.020075 °	38.046569 ° -121.020075 °	99 Y	
4	0.57	0.57	Earthen Levee	Encroachments	CR	W	Firewood	38.046335 ° -121.020628 °	38.046335 ° -121.020628 °	92	
5	0.79	0.79	Earthen Levee	Encroachments	WS	M	Firewood	38.044632 ° -121.024044 °	38.044632 ° -121.024044 °	202	
6	0.81	0.81	Earthen Levee	Encroachments	WS	M	Debris	38.044564 ° -121.024134 °	38.044564 ° -121.024134 °	98	
7	0.83	0.83	Earthen Levee	Encroachments	WS	M	Equipment	38.044366 ° -121.024280 °	38.044366 ° -121.024280 °	72	
8	0.83	0.89	Earthen Levee	Encroachments	WS	PO	Landscaping	38.044312 ° -121.024377 °	38.043691 ° -121.024946 °	179 Y	
9	0.98	0.98	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Add appropriate gravel or road base. Grade and compact.	38.042665 ° -121.025763 °	38.042665 ° -121.025763 °	203 Y	
10	1.16	1.16	Earthen Levee	Encroachments	WS	PO	Poles	38.040628 ° -121.027792 °	38.040628 ° -121.027792 °	63	
11	1.48	1.48	Earthen Levee	Encroachments	WS	M	Prunings	38.039624 ° -121.033278 °	38.039624 ° -121.033278 °	87	
12	1.51	1.51	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Crushed up concrete pipe left on the waterside of the levee.	38.039600 ° -121.033731 °	38.039600 ° -121.033731 °	204	
13	1.95	1.95	Earthen Levee	Encroachments	WS	PO	Poles	38.036528 ° -121.040143 °	38.036528 ° -121.040143 °	58	
14	2.07	2.07	Earthen Levee	Encroachments	WS	M	Prunings	38.035118 ° -121.041227 °	38.035118 ° -121.041227 °	85	
15	2.07	2.07	Earthen Levee	Encroachments	LS	W	Prunings	38.035020 ° -121.041303 °	38.035020 ° -121.041303 °	205	
16	2.47	2.50	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Concrete rubble with metal on the waterward slope.	38.031251 ° -121.046328 °	38.030898 ° -121.046644 °	177 Y	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough						Left	24.00	05/10/2011 05/13/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
17	2.48	2.48	Earthen Levee	Encroachments	WS PO	Poles		38.031116 ° -121.046402 °	38.031116 ° -121.046402 °	55
18	3.35	3.35	Earthen Levee	Encroachments	WS M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.		38.023257 ° -121.058158 °	38.023257 ° -121.058158 °	52
19	3.52	3.52	Earthen Levee	Encroachments	WS M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.		38.021650 ° -121.060312 °	38.021650 ° -121.060312 °	53
20	3.64	3.64	Earthen Levee	Crown Surface / Depressions / Rutting	CR C	Regrade the crown roadway for proper drainage.		38.020495 ° -121.061778 °	38.020495 ° -121.061778 °	51
21	3.66	3.66	Earthen Levee	Encroachments	LS W	Prunings		38.020351 ° -121.061944 °	38.020351 ° -121.061944 °	206
22	3.78	3.78	Earthen Levee	Encroachments	WS M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed. Raymond's pile has been removed.		38.018975 ° -121.063469 °	38.018975 ° -121.063469 °	54 Y
23	4.31	4.31	Earthen Levee	Crown Surface / Depressions / Rutting	CR M	Regrade the crown roadway for proper drainage. Inspector Comments: A recent pipe replacement has left the crown roadway damaged.		38.012662 ° -121.068080 °	38.012662 ° -121.068080 °	176 Y
24	4.33	4.33	Earthen Levee	Encroachments	WS M	Equipment		38.012416 ° -121.068170 °	38.012416 ° -121.068170 °	201
25	4.59	4.59	Earthen Levee	Encroachments	WS	Poles		38.008886 ° -121.069293 °	38.008886 ° -121.069293 °	49
26	5.83	5.83	Earthen Levee	Encroachments	WS M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.		37.994268 ° -121.080850 °	37.994268 ° -121.080850 °	56
27	5.89	5.94	Earthen Levee	Encroachments	WS M	Equipment		37.993593 ° -121.081493 °	37.993030 ° -121.082014 °	57
28	5.94	5.94	Earthen Levee	Encroachments	WS M	Equipment		37.993108 ° -121.082033 °	37.993108 ° -121.082033 °	172 Y
29	5.95	5.98	Earthen Levee	Encroachments	WS M	Firewood		37.992980 ° -121.082170 °	37.992550 ° -121.082530 °	47
30	6.18	6.18	Earthen Levee	Encroachments	WS PO	Landscaping		37.990321 ° -121.084531 °	37.990321 ° -121.084531 °	169 Y
31	6.19	6.19	Earthen Levee	Animal Control	WS M	Exterminate rodents and backfill and compact or grout burrows.		37.990204 ° -121.084635 °	37.990204 ° -121.084635 °	45 Y
32	6.23	6.23	Earthen Levee	Encroachments	LS PO	Poles		37.989765 ° -121.084970 °	37.989765 ° -121.084970 °	44
33	6.23	6.23	Earthen Levee	Encroachments	WS PO	Poles		37.989698 ° -121.085034 °	37.989698 ° -121.085034 °	5

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough						Left	24.00	05/10/2011 05/13/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
34	6.27	6.27	Earthen Levee	Encroachments	WS PO	Poles		37.989251 ° -121.085419 °	37.989251 ° -121.085419 °	4
35	6.27	6.27	Earthen Levee	Encroachments	WS PO	Poles		37.989227 ° -121.085441 °	37.989227 ° -121.085441 °	3
36	6.30	6.30	Earthen Levee	Encroachments	WS PO	Poles		37.988892 ° -121.085692 °	37.988892 ° -121.085692 °	1
37	6.32	6.32	Earthen Levee	Encroachments	WS M	Prunings		37.988708 ° -121.085845 °	37.988708 ° -121.085845 °	59 Y
38	6.47	6.48	Supplemental	DWR Erosion Survey	WS M		Inspector Comments: 11/02/2010: No significant changes observed on site. Bridge scour has created a pocket erosion, exposing a portion of the underlaying concrete padding. [2010 SiteID: NA0017U16RM6.47]	37.986959 ° -121.087544 °	37.986959 ° -121.087544 °	43 Y
39	6.97	6.97	Earthen Levee	Slope Stability	WS M	Repair slope instability.		37.981915 ° -121.093465 °	37.981915 ° -121.093465 °	200 Y
40	6.99	7.02	Earthen Levee	Encroachments	WS C	Landscaping		37.981746 ° -121.093754 °	37.981527 ° -121.094128 °	168
41	7.05	7.05	Earthen Levee	Encroachments	WS C	Landscaping		37.981349 ° -121.094625 °	37.981349 ° -121.094625 °	167
42	7.11	7.29	Earthen Levee	Encroachments	LS PO	Crops	Inspector Comments: Saplings located at toe of levee. Levee is slightly higher than the ground level at this location. Action has been started with the Board regarding these encroachments.	37.980849 ° -121.095438 °	37.979743 ° -121.098220 °	96 Y
43	7.30	7.30	Earthen Levee	Encroachments	WS M	Prunings	Inspector Comments: Burn pile has been burned but new material has been placed.	37.979522 ° -121.098305 °	37.979522 ° -121.098305 °	60
44	7.35	7.35	Earthen Levee	Animal Control	WS C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.		37.979075 ° -121.099050 °	37.979075 ° -121.099050 °	95
45	7.37	7.37	Earthen Levee	Encroachments	WS M	Debris	Inspector Comments: Farmer has burned the material, but some new material has been placed. Farmer has been told to not put any material at this location in the future.	37.978850 ° -121.099325 °	37.978850 ° -121.099325 °	61
46	7.68	7.68	Earthen Levee	Encroachments	WS M	Debris		37.977054 ° -121.104202 °	37.977054 ° -121.104202 °	75
47	7.83	7.83	Earthen Levee	Encroachments	WS M	Prunings	Inspector Comments: Burn pile has been mostly burned, but some material remains and farmer should not use this location to burn in the future.	37.975731 ° -121.106195 °	37.975731 ° -121.106195 °	94

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector	
Unit No. 16 Mormon Slough						Left	24.00	05/10/2011 05/13/2011		Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	Photo
	Start	End						Start	End		
48	7.92	7.92	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.974999 ° -121.107412 °	37.974999 ° -121.107412 °	199	Y
49	8.05	8.05	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	37.973843 ° -121.109258 °	37.973843 ° -121.109258 °	198	Y
50	8.08	8.08	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	37.973583 ° -121.109790 °	37.973583 ° -121.109790 °	197	Y
51	8.34	8.34	Earthen Levee	Encroachments	WS	M	Prunings	37.971311 ° -121.113033 °	37.971311 ° -121.113033 °	93	
52	8.35	8.35	Earthen Levee	Encroachments	LS	W	Prunings	37.971145 ° -121.113105 °	37.971145 ° -121.113105 °	76	Y
53	8.39	8.88	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.970715 ° -121.113320 °	37.968071 ° -121.121107 °	195	
54	8.46	8.46	Earthen Levee	Encroachments	WS	M	Prunings	37.969874 ° -121.114124 °	37.969874 ° -121.114124 °	164	Y
55	8.54	8.66	Earthen Levee	Encroachments	WS	M	Prunings	37.969472 ° -121.115350 °	37.969114 ° -121.117417 °	79	
56	8.66	8.88	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	37.969071 ° -121.117504 °	37.968069 ° -121.121107 °	196	
57	9.64	9.64	Earthen Levee	Encroachments	WS	M	Prunings	37.966512 ° -121.133739 °	37.966512 ° -121.133739 °	64	
58	9.77	9.77	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: Drain pipe from the farmer needs repair.	37.965854 ° -121.135960 °	37.965854 ° -121.135960 °	194	Y
59	10.26	10.26	Earthen Levee	Encroachments	LS	W	Prunings	37.964697 ° -121.144216 °	37.964697 ° -121.144216 °	171	Y
60	10.26	10.50	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.964696 ° -121.144217 °	37.964694 ° -121.148290 °	170	
61	10.77	10.77	Earthen Levee	Encroachments	WS	M	Prunings	37.964159 ° -121.153094 °	37.964159 ° -121.153094 °	91	
62	10.80	10.80	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.964053 ° -121.153671 °	37.964053 ° -121.153671 °	80	
63	10.83	10.83	Earthen Levee	Encroachments	WS	PO	Poles	37.963807 ° -121.154087 °	37.963807 ° -121.154087 °	81	
64	10.84	10.88	Earthen Levee	Encroachments	WS	PO	Landscaping	37.963704 ° -121.154321 °	37.963524 ° -121.155045 °	159	Y
65	11.07	11.07	Earthen Levee	Encroachments	WS	M	Prunings	37.962472 ° -121.158112 °	37.962472 ° -121.158112 °	90	Y

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Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough							Left	24.00	05/10/2011 05/13/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
66	11.19	11.19	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.961516 ° -121.159887 °	37.961516 ° -121.159887 °	82 Y
67	11.41	11.41	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Pile has been burned, but some prunings remain. Farmer needs to stop burning at this location as the ground is getting baked.	37.960557 ° -121.163432 °	37.960557 ° -121.163432 °	89 Y
68	11.51	11.51	Earthen Levee	Erosion / Bank Caving	LS	A	Schedule repair of erosion site prior to the next inspection. Inspector Comments: A pit found on the last inspection was fixed.	37.960182 ° -121.165310 °	37.960182 ° -121.165310 °	156 Y
69	11.51	11.51	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Concrete tile and other concrete debris illegally dumped on the waterward berm. Remove material and prevent additional material from being dumped.	37.960292 ° -121.165191 °	37.960292 ° -121.165191 °	155
70	11.51	11.51	Earthen Levee	Erosion / Bank Caving	LS	C	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Pit dug within 10' of landward toe. Possible leaking pipe at this location and the pit is to pool the leaking water. The pipe will likely need to be repaired and the pit filled.	37.960182 ° -121.165306 °	37.960182 ° -121.165306 °	83
71	11.52	11.59	Earthen Levee	Encroachments	WS	M	Equipment	37.960282 ° -121.165380 °	37.960118 ° -121.166580 °	88 Y
72	11.56	11.56	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.960104 ° -121.166055 °	37.960104 ° -121.166055 °	84
73	11.83	11.83	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.960499 ° -121.170916 °	37.960499 ° -121.170916 °	86 Y
74	11.92	11.92	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.960812 ° -121.172332 °	37.960812 ° -121.172332 °	163 Y
75	11.98	11.98	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.960950 ° -121.173466 °	37.960950 ° -121.173466 °	97
76	12.09	12.09	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Rodent hole was found during inspection on Unit-16.	37.961326 ° -121.176070 °	37.961326 ° -121.176070 °	207 Y
77	12.13	12.13	Earthen Levee	Animal Control	LS	A	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The rodent hole at this location has been grouted.	37.961326 ° -121.176073 °	37.961326 ° -121.176073 °	161 Y
78	12.14	12.14	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.961346 ° -121.176232 °	37.961346 ° -121.176232 °	100
79	12.27	12.47	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.961434 ° -121.178827 °	37.961092 ° -121.182244 °	160 Y

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Levee Inspections**

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San Joaquin County Flood Control and Water Conservation District

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LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
80	12.60	12.60	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.960557 ° -121.184378 °	37.960557 ° -121.184378 °	108
81	12.60	12.60	Earthen Levee	Encroachments	LS	PO	Poles	37.960563 ° -121.184384 °	37.960563 ° -121.184384 °	126
82	12.80	12.80	Earthen Levee	Encroachments	LS	C	Crops	37.960333 ° -121.188039 °	37.960333 ° -121.188039 °	151
83	12.96	13.16	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.960197 ° -121.190975 °	37.959386 ° -121.194352 °	150 Y
84	13.17	13.17	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Move or remove prunings pile to allow access through the gate.	37.959425 ° -121.194593 °	37.959425 ° -121.194593 °	148 Y
85	13.46	13.61	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.960399 ° -121.199377 °	37.959543 ° -121.201851 °	67
86	14.50	14.50	Earthen Levee	Encroachments	LS	M	Prunings	37.966164 ° -121.215448 °	37.966164 ° -121.215448 °	152 Y
87	14.85	14.85	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	37.968805 ° -121.220648 °	37.968805 ° -121.220648 °	138 Y
88	16.34	16.34	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	37.979052 ° -121.244251 °	37.979052 ° -121.244251 °	127 Y
89	16.36	16.36	Earthen Levee	Encroachments	LS	M	Debris	37.979189 ° -121.244640 °	37.979189 ° -121.244640 °	129
90	16.40	16.40	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage. Inspector Comments: Rutting on the crown due to vehicular traffic.	37.979462 ° -121.245308 °	37.979462 ° -121.245308 °	131 Y
91	16.58	16.58	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage. Inspector Comments: Depression in the crown of the roadway likely due to settlement after a investigatory drilling.	37.980654 ° -121.248065 °	37.980654 ° -121.248065 °	70 Y
92	16.62	16.62	Earthen Levee	Encroachments	CR	C	Debris Inspector Comments: Concrete washouts on the crown.	37.980841 ° -121.248912 °	37.980841 ° -121.248912 °	128
93	17.05	17.05	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.983786 ° -121.255491 °	37.983786 ° -121.255491 °	125 Y
94	17.45	17.45	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.986546 ° -121.261952 °	37.986546 ° -121.261952 °	139 Y
95	17.57	17.61	Earthen Levee	Encroachments	LS	PO	Fences	37.987313 ° -121.263725 °	37.987607 ° -121.264392 °	69
96	17.58	17.58	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.987380 ° -121.263887 °	37.987380 ° -121.263887 °	140

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Levee Inspections**

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San Joaquin County Flood Control and Water Conservation District

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Unit No. 16 Mormon Slough						Left	24.00	05/10/2011 05/13/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
97	17.64	17.64	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion was detected on the waterside due to washed out rodent hole.	37.987802 ° -121.264877 °	37.987802 ° -121.264877 °	74 Y
98	17.73	17.73	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.988465 ° -121.266275 °	37.988465 ° -121.266275 °	141 Y
99	17.76	17.76	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.988637 ° -121.266907 °	37.988637 ° -121.266907 °	142 Y
100	17.77	17.77	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.988660 ° -121.266964 °	37.988660 ° -121.266964 °	145 Y
101	18.14	18.20	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.991157 ° -121.272941 °	37.991670 ° -121.273818 °	146
102	18.55	18.55	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Slope stability created by the rodent holes.	37.993761 ° -121.279574 °	37.993761 ° -121.279574 °	73 Y
103	18.63	18.63	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.993824 ° -121.281040 °	37.993824 ° -121.281040 °	147
104	18.83	18.83	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	37.992796 ° -121.284290 °	37.992796 ° -121.284290 °	209 Y
105	18.83	18.83	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.992796 ° -121.284290 °	37.992796 ° -121.284290 °	149
106	19.00	19.20	Earthen Levee	Encroachments	LS	PO	Fences	37.992385 ° -121.287251 °	37.992564 ° -121.290846 °	143 Y
107	19.04	19.04	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.992481 ° -121.288074 °	37.992481 ° -121.288074 °	153
108	19.12	19.14	Earthen Levee	Encroachments	LS	PO	Landscaping	37.992834 ° -121.289403 °	37.992795 ° -121.289685 °	144 Y
109	19.19	19.19	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.992394 ° -121.290658 °	37.992394 ° -121.290658 °	154
110	19.24	19.24	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.992414 ° -121.291381 °	37.992372 ° -121.291431 °	157
111	19.33	19.33	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.992125 ° -121.293022 °	37.992125 ° -121.293022 °	158
112	19.44	19.44	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	37.991784 ° -121.294878 °	37.991784 ° -121.294878 °	162
113	19.45	19.45	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.991610 ° -121.295126 °	37.991610 ° -121.295126 °	165
114	19.46	19.46	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.991593 ° -121.295560 °	37.991593 ° -121.295560 °	166

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	Start	End						Start	End	Photo
115	19.47	19.60	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Barbed wire	37.991653 ° -121.295441 °	37.991169 ° -121.297768 °	137 Y
116	19.48	19.48	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.991594 ° -121.295592 °	37.991594 ° -121.295592 °	173
117	19.48	19.48	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	37.991617 ° -121.295628 °	37.991617 ° -121.295628 °	65 Y
118	19.48	19.48	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	37.991594 ° -121.295590 °	37.991594 ° -121.295590 °	208 Y
119	19.60	19.68	Earthen Levee	Encroachments	LS	PO	Landscaping	37.991204 ° -121.297757 °	37.991053 ° -121.299231 °	136
120	19.60	19.69	Earthen Levee	Encroachments	LS	PO	Fences	37.991171 ° -121.297767 °	37.991044 ° -121.299334 °	135 Y
121	19.75	19.75	Earthen Levee	Encroachments	LS	PO	Landscaping	37.991008 ° -121.300550 °	37.991008 ° -121.300550 °	41
122	19.76	19.76	Earthen Levee	Encroachments	LS	PO	Landscaping	37.991000 ° -121.300860 °	37.991000 ° -121.300860 °	40
123	19.79	19.79	Earthen Levee	Encroachments	LS	CO	Landscaping	37.991067 ° -121.301430 °	37.991067 ° -121.301430 °	39
124	19.82	19.90	Earthen Levee	Encroachments	LS	PO	Fences	37.991130 ° -121.301742 °	37.990950 ° -121.303084 °	134 Y
125	19.90	19.91	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wire fence	37.990948 ° -121.303099 °	37.990903 ° -121.303354 °	133
126	19.90	19.90	Earthen Levee	Encroachments	LS	PO	Landscaping	37.990975 ° -121.303375 °	37.990975 ° -121.303375 °	38
127	20.02	20.02	Earthen Levee	Encroachments	LS	CO	Fences	37.989660 ° -121.304837 °	37.989660 ° -121.304837 °	37
128	20.04	20.04	Earthen Levee	Encroachments	LS	CO	Fences	37.989681 ° -121.305221 °	37.989681 ° -121.305221 °	78
129	20.05	20.05	Earthen Levee	Encroachments	LS	PO	Fences	37.989382 ° -121.305158 °	37.989382 ° -121.305158 °	36
130	20.08	20.08	Earthen Levee	Encroachments	LS	CO	Landscaping	37.989032 ° -121.305465 °	37.989032 ° -121.305465 °	35
131	20.09	20.09	Earthen Levee	Encroachments	LS	CO	Landscaping	37.988942 ° -121.305548 °	37.988942 ° -121.305548 °	34
132	20.11	20.11	Earthen Levee	Encroachments	LS	PO	Landscaping	37.988632 ° -121.305733 °	37.988632 ° -121.305733 °	33
133	20.13	20.13	Earthen Levee	Encroachments	LS	PO	Landscaping	37.988436 ° -121.305966 °	37.988436 ° -121.305966 °	77

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	Start	End						Start	End	Photo
134	20.15	20.15	Earthen Levee	Encroachments	LS	PO	Landscaping	37.988215 ° -121.305940 °	37.988215 ° -121.305940 °	32
135	20.16	20.16	Earthen Levee	Encroachments	LS	PO	Landscaping	37.988035 ° -121.306035 °	37.988035 ° -121.306035 °	31
136	20.17	20.17	Earthen Levee	Encroachments	LS	CO	Landscaping	37.987907 ° -121.306102 °	37.987907 ° -121.306102 °	30
137	20.18	20.18	Earthen Levee	Encroachments	LS	PO	Landscaping	37.987723 ° -121.306157 °	37.987723 ° -121.306157 °	29
138	20.19	20.19	Earthen Levee	Encroachments	LS	CO	Landscaping	37.987622 ° -121.306230 °	37.987622 ° -121.306230 °	28
139	20.23	20.23	Earthen Levee	Encroachments	LS	CO	Fences	37.987093 ° -121.306495 °	37.987093 ° -121.306495 °	27
140	20.25	20.25	Earthen Levee	Encroachments	LS	CO	Landscaping	37.986857 ° -121.306602 °	37.986857 ° -121.306602 °	26
141	20.26	20.28	Earthen Levee	Encroachments	LS	PO	Fences	37.986906 ° -121.306688 °	37.986619 ° -121.306892 °	132 Y
142	20.32	20.32	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	37.986115 ° -121.307213 °	37.986115 ° -121.307213 °	174 Y
143	20.39	20.39	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.985308 ° -121.307709 °	37.985308 ° -121.307709 °	175 Y
144	20.45	20.48	Earthen Levee	Encroachments	LS	PO	Landscaping	37.984576 ° -121.308320 °	37.984215 ° -121.308818 °	178
145	20.83	20.83	Earthen Levee	Encroachments	LS	PO	Landscaping	37.980958 ° -121.313596 °	37.980958 ° -121.313596 °	130 Y
146	21.07	21.07	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.979004 ° -121.317145 °	37.979004 ° -121.317145 °	180
147	21.17	21.17	Earthen Levee	Encroachments	LS	CO	Fences	37.978855 ° -121.319108 °	37.978855 ° -121.319108 °	25
148	21.18	21.18	Earthen Levee	Encroachments	LS	CO	Fences	37.978958 ° -121.319258 °	37.978958 ° -121.319258 °	24
149	21.20	21.20	Earthen Levee	Encroachments	LS	CO	Fences	37.979107 ° -121.319415 °	37.979107 ° -121.319415 °	23
150	21.58	21.58	Earthen Levee	Encroachments	LS	PO	Landscaping	37.980918 ° -121.325630 °	37.980918 ° -121.325630 °	22
151	21.63	21.63	Earthen Levee	Encroachments	WS	M	Garbage	37.981151 ° -121.326248 °	37.981151 ° -121.326248 °	71 Y
152	21.64	21.64	Earthen Levee	Encroachments	LS	CO	Landscaping	37.981132 ° -121.326753 °	37.981132 ° -121.326753 °	21

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough							Left	24.00	05/10/2011 05/13/2011	Pavel Kazi
LMR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
153	21.71	21.71	Earthen Levee	Encroachments	LS	CO	Landscaping	37.981185 ° -121.327822 °	37.981185 ° -121.327822 °	20
154	21.73	21.73	Earthen Levee	Encroachments	LS	PO	Landscaping	37.980972 ° -121.328217 °	37.980972 ° -121.328217 °	19
155	21.74	21.74	Earthen Levee	Encroachments	LS	PO	Landscaping	37.980932 ° -121.328380 °	37.980932 ° -121.328380 °	18
156	21.85	21.85	Earthen Levee	Encroachments	LS	PO	Landscaping	37.980288 ° -121.330173 °	37.980288 ° -121.330173 °	17
157	21.88	21.88	Earthen Levee	Encroachments	LS	PO	Landscaping	37.980178 ° -121.330588 °	37.980178 ° -121.330588 °	16
158	21.90	21.90	Earthen Levee	Encroachments	WS	PO	Landscaping	37.980042 ° -121.330953 °	37.980042 ° -121.330953 °	15
159	21.90	21.90	Earthen Levee	Encroachments	LS	CO	Fences	37.980040 ° -121.330955 °	37.980040 ° -121.330955 °	14
160	21.92	21.92	Earthen Levee	Encroachments	WS	CO	Landscaping	37.979908 ° -121.331383 °	37.979908 ° -121.331383 °	13
161	21.92	21.92	Earthen Levee	Encroachments	LS	CO	Landscaping	37.979905 ° -121.331390 °	37.979905 ° -121.331390 °	12
162	21.97	21.97	Earthen Levee	Encroachments	LS	PO	Landscaping	37.979652 ° -121.332265 °	37.979652 ° -121.332265 °	11
163	22.01	22.01	Earthen Levee	Encroachments	LS	CO	Landscaping	37.979715 ° -121.332972 °	37.979715 ° -121.332972 °	10
164	22.05	22.05	Earthen Levee	Encroachments	LS	PO	Landscaping	37.979780 ° -121.333647 °	37.979780 ° -121.333647 °	9
165	22.08	22.08	Earthen Levee	Encroachments	LS	PO	Landscaping	37.979820 ° -121.334107 °	37.979820 ° -121.334107 °	8
166	22.13	22.13	Earthen Levee	Encroachments	LS	PO	Landscaping	37.979717 ° -121.335107 °	37.979717 ° -121.335107 °	7
167	22.15	22.15	Earthen Levee	Encroachments	LS	PO	Fences	37.979598 ° -121.335428 °	37.979598 ° -121.335428 °	6
168	22.17	22.37	Earthen Levee	Encroachments	LS	PO	Landscaping	37.979630 ° -121.335440 °	37.979450 ° -121.339030 °	118 Y
169	22.17	22.18	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Metal open fence	37.979622 ° -121.335440 °	37.979570 ° -121.335620 °	124 Y
170	22.19	22.19	Earthen Levee	Encroachments	WS	M	Debris	37.979515 ° -121.335767 °	37.979515 ° -121.335767 °	68
171	22.19	22.21	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Solid wood fence	37.979453 ° -121.335830 °	37.979400 ° -121.336337 °	123 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
172	22.19	22.21	Earthen Levee	Encroachments	WS PO	Fences		37.979505 ° -121.335823 °	37.979381 ° -121.336341 °	122 Y
173	22.21	22.28	Earthen Levee	Trim / Thin Trees	WS C	Trim trees to at least five feet above ground level.		37.979396 ° -121.336339 °	37.979394 ° -121.337414 °	120
174	22.26	22.30	Earthen Levee	Encroachments	LS PO	Fences Inspector Comments: Open wood fence		37.979391 ° -121.337067 °	37.979404 ° -121.337784 °	121 Y
175	22.27	22.28	Earthen Levee	Encroachments	LS PO	Landscaping		37.979393 ° -121.337241 °	37.979401 ° -121.337502 °	66
176	22.31	22.31	Earthen Levee	Trim / Thin Trees	WS C	Thin trees to allow visibility of the ground and room to flood fight.		37.979412 ° -121.338269 °	37.979412 ° -121.338269 °	119
177	22.37	22.43	Earthen Levee	Encroachments	LS PO	Fences		37.979454 ° -121.339031 °	37.979138 ° -121.340034 °	117 Y
178	22.43	22.46	Earthen Levee	Encroachments	LS PO	Fences Inspector Comments: Post and cable fence		37.979094 ° -121.340095 °	37.978845 ° -121.340572 °	116 Y
179	22.46	22.52	Earthen Levee	Encroachments	LS PO	Fences		37.978845 ° -121.340572 °	37.978463 ° -121.341620 °	115 Y
180	22.52	22.52	Earthen Levee	Slope Stability	WS U	Repair slope instability. Inspector Comments: Waterward bank damaged under I-5 and shows significant erosion.		37.978697 ° -121.341581 °	37.978697 ° -121.341581 °	48 Y
181	22.52	22.57	Earthen Levee	Encroachments	LS PO	Fences Inspector Comments: Post and cable fence		37.978464 ° -121.341620 °	37.978208 ° -121.342190 °	114 Y
182	22.57	22.57	Earthen Levee	Trim / Thin Trees	WS C	Trim trees to at least five feet above ground level.		37.978287 ° -121.342331 °	37.978287 ° -121.342331 °	181
183	22.58	22.87	Earthen Levee	Encroachments	LS PO	Landscaping		37.978078 ° -121.342523 °	37.975086 ° -121.346027 °	111
184	22.58	22.87	Earthen Levee	Encroachments	LS PO	Fences		37.978081 ° -121.342519 °	37.975086 ° -121.346027 °	110 Y
185	22.61	22.70	Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.		37.977870 ° -121.342814 °	37.976943 ° -121.343922 °	62
186	22.61	22.70	Earthen Levee	Vegetation	WS M	Control annual grass and weeds on the levee slopes and easements.		37.977859 ° -121.342818 °	37.976943 ° -121.343921 °	42
187	22.75	22.75	Earthen Levee	Trim / Thin Trees	WS C	Trim trees to at least five feet above ground level.		37.976394 ° -121.344632 °	37.976394 ° -121.344632 °	113
188	22.86	22.86	Earthen Levee	Vegetation	LS C	Elderberries are blocking visibility and flood fight capability.		37.975255 ° -121.345869 °	37.975255 ° -121.345869 °	112
189	22.87	22.89	Earthen Levee	Encroachments	LS PO	Fences		37.975087 ° -121.346027 °	37.974883 ° -121.346298 °	109 Y
190	22.89	23.08	Earthen Levee	Encroachments	LS PO	Fences		37.974889 ° -121.346274 °	37.973127 ° -121.348756 °	46

* Location LS : Landside WS : Waterside CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough						Left	24.00	05/10/2011 05/13/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
191	22.90	23.08	Earthen Levee	Encroachments	LS	PO	Landscaping	37.974873 ° -121.346318 °	37.973108 ° -121.348819 °	107
192	22.90	23.08	Earthen Levee	Encroachments	LS	PO	Fences	37.974869 ° -121.346317 °	37.973108 ° -121.348820 °	106 Y
193	23.08	23.22	Earthen Levee	Encroachments	LS	PO	Fences	37.973094 ° -121.348809 °	37.971660 ° -121.350233 °	104 Y
194	23.08	23.21	Earthen Levee	Encroachments	LS	C	Landscaping	37.973094 ° -121.348811 °	37.971693 ° -121.350263 °	105
195	23.20	23.30	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	° °	° °	183
196	23.24	23.27	Earthen Levee	Encroachments	LS	PO	Landscaping	37.971257 ° -121.350300 °	37.970858 ° -121.350450 °	103 Y
197	23.30	23.34	Earthen Levee	Encroachments	LS	PO	Fences	37.970546 ° -121.350571 °	37.970021 ° -121.350884 °	101 Y
198	23.30	23.34	Earthen Levee	Encroachments	LS	PO	Landscaping	37.970537 ° -121.350571 °	37.970019 ° -121.350884 °	102 Y
199	23.70	23.70	Earthen Levee	Encroachments	WS	PO	Poles	37.968392 ° -121.355721 °	37.968392 ° -121.355721 °	192 Y
200	23.70	24.00	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chainlink fence along the landward slope.	37.968438 ° -121.355882 °	37.965997 ° -121.360479 °	182 Y
201	23.70	24.00	Earthen Levee	Encroachments	LS	CO	Landscaping	37.968510 ° -121.355729 °	37.966144 ° -121.360210 °	2
202	23.80	23.80	Earthen Levee	Encroachments	WS	PO	Poles	37.968015 ° -121.356672 °	37.968015 ° -121.356672 °	191
203	23.85	23.85	Earthen Levee	Encroachments	LS	PO	Poles	37.967204 ° -121.357065 °	37.967204 ° -121.357065 °	189
204	23.85	23.85	Earthen Levee	Encroachments	WS	PO	Poles	37.967260 ° -121.357079 °	37.967260 ° -121.357079 °	190
205	23.90	23.90	Earthen Levee	Encroachments	WS	PO	Poles	37.966926 ° -121.358367 °	37.966926 ° -121.358367 °	188
206	23.91	23.91	Earthen Levee	Encroachments	WS	PO	Poles	37.966937 ° -121.358338 °	37.966937 ° -121.358338 °	187
207	23.92	23.92	Earthen Levee	Encroachments	WS	PO	Poles	37.966946 ° -121.358722 °	37.966946 ° -121.358722 °	186
208	23.95	23.95	Earthen Levee	Encroachments	WS	PO	Poles	37.966596 ° -121.359446 °	37.966596 ° -121.359446 °	185
209	24.00	24.00	Earthen Levee	Encroachments	WS	PO	Poles	37.966169 ° -121.360073 °	37.966169 ° -121.360073 °	184

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	2
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Crown
Category	Earthen Levee
Item	Encroachments
<p>Prunings pile located at LM 0.32 on waterside shoulder of access road. The pile impedes access and forces vehicles to drive through orchard.</p>	
pkazi_s_20110328_285.JPG	



Levee Mile Report Line	3
Start Levee Mile	0.54
End Levee Mile	0.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Building/shed and other equipment located on waterward side of access road. There is no vehicle access adjacent to the channel.</p>	
pkazi_s_20110328_298.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.83
End Levee Mile	0.89
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>View of landowner maintained landscaping on waterward side looking upstream.</p>	
pkazi_s_20110328_346.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	0.98
End Levee Mile	0.98
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Depression on the crown was found on the levee looking downstream.	
pkazi_s_20110526_604.jpg	



Levee Mile Report Line	16
Start Levee Mile	2.47
End Levee Mile	2.50
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of concrete debris on waterward side looking upstream.	
pkazi_s_20110328_345.jpg	



Levee Mile Report Line	22
Start Levee Mile	3.78
End Levee Mile	3.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of burn pile that has been burned and a location where a landowner recently removed prunings as requested looking upstream.	
pkazi_s_20110328_286.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	22
Start Levee Mile	3.78
End Levee Mile	3.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Updated view as of October 2010 of the burn pile looking upstream.

pkazi_s_20110328_287.jpg



Levee Mile Report Line	23
Start Levee Mile	4.31
End Levee Mile	4.31
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

View of recent construction that has left the access road damaged looking upstream.

pkazi_s_20110328_344.jpg



Levee Mile Report Line	28
Start Levee Mile	5.94
End Levee Mile	5.94
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of equipment located on the waterward side looking upstream.

pkazi_s_20110328_341.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	6.18
End Levee Mile	6.18
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of cacti located on waterward side looking upstream.

pkazi_s_20110328_340.jpg



Levee Mile Report Line	31
Start Levee Mile	6.19
End Levee Mile	6.19
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes looking upstream.

pkazi_s_20110328_283.jpg



Levee Mile Report Line	37
Start Levee Mile	6.32
End Levee Mile	6.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a large prunings pile on waterward side and access road blocking visibility and access looking upstream.

pkazi_s_20110328_288.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	38
Start Levee Mile	6.47
End Levee Mile	6.48
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Close up view of the erosion under the Milton Bridge, left bank.

pkazi_s_20110328_279.jpg



Levee Mile Report Line	38
Start Levee Mile	6.47
End Levee Mile	6.48
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Close up view of the erosion pocket.

pkazi_s_20110328_280.jpg



Levee Mile Report Line	38
Start Levee Mile	6.47
End Levee Mile	6.48
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upstream view of the bridge scour below the east end abutment of Milton Bridge.

pkazi_s_20110328_281.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	38
Start Levee Mile	6.47
End Levee Mile	6.48
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Downstream view of the bridge scour.

pkazi_s_20110328_282.jpg



Levee Mile Report Line	39
Start Levee Mile	6.97
End Levee Mile	6.97
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope stability was found on the shoulder of waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110526_603.jpg



Levee Mile Report Line	42
Start Levee Mile	7.11
End Levee Mile	7.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Recently planted trees are within 10' of landward toe of levee. These trees are an encroachment and are potentially future maintenance issues.

pkazi_s_20110328_297.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	48
Start Levee Mile	7.92
End Levee Mile	7.92
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Depression on the crown of the levee near waterside shoulder. The picture was taken from the crown looking upstream.	
pkazi_s_20110526_602.jpg	



Levee Mile Report Line	49
Start Levee Mile	8.05
End Levee Mile	8.05
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope stability on the shoulder of the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110526_601.jpg	



Levee Mile Report Line	50
Start Levee Mile	8.08
End Levee Mile	8.08
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope stability was found on the shoulder of the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110526_600.jpg	

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	52
Start Levee Mile	8.35
End Levee Mile	8.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pruning found on the landside of the levee looking upstream.	
pkazi_s_20110526_599.jpg	



Levee Mile Report Line	54
Start Levee Mile	8.46
End Levee Mile	8.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of pruning piles located on waterward side looking upstream.	
pkazi_s_20110328_337.jpg	



Levee Mile Report Line	58
Start Levee Mile	9.77
End Levee Mile	9.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments
An abandon pipe was left by the farmer. The picture was taken from the toe of the landside of the levee looking upstream.	
pkazi_s_20110526_598.jpg	

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	59
Start Levee Mile	10.26
End Levee Mile	10.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Pruning was found landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110526_597.jpg



Levee Mile Report Line	64
Start Levee Mile	10.84
End Levee Mile	10.88
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of landscaping on waterward side looking upstream.

pkazi_s_20110328_335.jpg



Levee Mile Report Line	65
Start Levee Mile	11.07
End Levee Mile	11.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of prunings located on waterward side looking upstream.

pkazi_s_20110328_296.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	66
Start Levee Mile	11.19
End Levee Mile	11.19
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent activity on the waterward shoulder looking downstream.

pkazi_s_20110328_291.jpg



Levee Mile Report Line	67
Start Levee Mile	11.41
End Levee Mile	11.41
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of location where prunings were burned on waterward side and access road looking downstream.

pkazi_s_20110328_295.jpg



Levee Mile Report Line	68
Start Levee Mile	11.51
End Levee Mile	11.51
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

The pit dug on previous inspection was filled and compacted. The picture was taken from the crown looking upstream.

pkazi_s_20110523_596.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	71
Start Levee Mile	11.52
End Levee Mile	11.59
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Remove equipment from waterward side of levee.

pkazi_s_20110328_294.jpg



Levee Mile Report Line	73
Start Levee Mile	11.83
End Levee Mile	11.83
Location	Land Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the landside of the levee looking upstream.

pkazi_s_20110523_595.jpg



Levee Mile Report Line	74
Start Levee Mile	11.92
End Levee Mile	11.92
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the landside slope of the levee. The picture was taken from the toe of landside of the levee.

pkazi_s_20110523_594.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	76
Start Levee Mile	12.09
End Levee Mile	12.09
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole on the waterside of the levee. The picture was taken from left bank of Mormon slough looking towards right bank of the levee.

pkazi_s_20110519_581.jpg



Levee Mile Report Line	77
Start Levee Mile	12.13
End Levee Mile	12.13
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was grouted by the LMA. The picture was taken from the crown looking upstream.

pkazi_s_20110523_593.jpg



Levee Mile Report Line	79
Start Levee Mile	12.27
End Levee Mile	12.47
Location	Land Side
Category	Earthen Levee
Item	Encroachments

An agricultural ditch was found on the landside of the levee. The picture was taken from crown looking upstream.

pkazi_s_20110523_591.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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N : Not Inspected/Rated

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	83
Start Levee Mile	12.96
End Levee Mile	13.16
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of an irrigation/drainage ditch along the landward toe.

pkazi_s_20110328_332.jpg



Levee Mile Report Line	84
Start Levee Mile	13.17
End Levee Mile	13.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a prunings pile along the landward toe of an access ramp. Pile is blocking access through this gate.

pkazi_s_20110328_331.jpg



Levee Mile Report Line	86
Start Levee Mile	14.50
End Levee Mile	14.50
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Pruning on the landside of the levee looking upstream.

pkazi_s_20110523_590.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	87
Start Levee Mile	14.85
End Levee Mile	14.85
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Slope stability on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110523_589.jpg



Levee Mile Report Line	88
Start Levee Mile	16.34
End Levee Mile	16.34
Location	Crown
Category	Earthen Levee
Item	Vegetation

View of vegetation within 10 feet of the landward slope looking downstream.

pkazi_s_20110328_319.jpg



Levee Mile Report Line	90
Start Levee Mile	16.40
End Levee Mile	16.40
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

Rutting was found on the crown possibly due to vehicular traffic. The picture was taken from the crown looking downstream.

pkazi_s_20110523_588.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
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N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	91
Start Levee Mile	16.58
End Levee Mile	16.58
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

View of a depression in the crown of the levee.

pkazi_s_20110328_290.jpg



Levee Mile Report Line	93
Start Levee Mile	17.05
End Levee Mile	17.05
Location	Crown
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the crown of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110523_587.jpg



Levee Mile Report Line	94
Start Levee Mile	17.45
End Levee Mile	17.45
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of damage to the landward slope caused by vehicular traffic looking downstream.

pkazi_s_20110328_325.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	97
Start Levee Mile	17.64
End Levee Mile	17.64
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Slope stability caused by washout rodent holes on the waterside shoulder of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110523_586.jpg



Levee Mile Report Line	98
Start Levee Mile	17.73
End Levee Mile	17.73
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of damage to the landward slope caused by vehicular traffic looking downstream.

pkazi_s_20110328_326.jpg



Levee Mile Report Line	99
Start Levee Mile	17.76
End Levee Mile	17.76
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of damage on the landward slope caused by vehicular traffic looking downstream.

pkazi_s_20110328_327.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	100
Start Levee Mile	17.77
End Levee Mile	17.77
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of damage to the landward slope caused by vehicular traffic looking downstream.

pkazi_s_20110328_330.jpg



Levee Mile Report Line	102
Start Levee Mile	18.55
End Levee Mile	18.55
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope stability caused by rodent holes on the landside slope of the levee. The picture was taken from crown looking upstream.

pkazi_s_20110523_585.jpg



Levee Mile Report Line	104
Start Levee Mile	18.83
End Levee Mile	18.83
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were grouted by the LMA. The picture was taken from the crown looking downstream.

pkazi_s_20110523_584.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	106
Start Levee Mile	19.00
End Levee Mile	19.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward toe looking upstream.

pkazi_s_20110328_328.jpg



Levee Mile Report Line	108
Start Levee Mile	19.12
End Levee Mile	19.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along the landward toe.

pkazi_s_20110328_329.jpg



Levee Mile Report Line	115
Start Levee Mile	19.47
End Levee Mile	19.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a barbed wire fence and landscaping along the landward shoulder and slope looking upstream.

pkazi_s_20110328_324.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	117
Start Levee Mile	19.48
End Levee Mile	19.48
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of a stump on the landward slope looking upstream.

pkazi_s_20110328_289.jpg



Levee Mile Report Line	118
Start Levee Mile	19.48
End Levee Mile	19.48
Location	Land Side
Category	Earthen Levee
Item	Animal Control

The rodent holes were grouted by the LMA. The picture was taken from the crown looking upstream.

pkazi_s_20110523_583.jpg



Levee Mile Report Line	120
Start Levee Mile	19.60
End Levee Mile	19.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward slope looking upstream.

pkazi_s_20110328_323.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	124
Start Levee Mile	19.82
End Levee Mile	19.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward toe looking upstream.

pkazi_s_20110328_322.jpg



Levee Mile Report Line	141
Start Levee Mile	20.26
End Levee Mile	20.28
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward slope looking upstream.

pkazi_s_20110328_321.jpg



Levee Mile Report Line	142
Start Levee Mile	20.32
End Levee Mile	20.32
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of a tree blocking visibility and access along the landward slope looking landward and downstream.

pkazi_s_20110328_342.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	143
Start Levee Mile	20.39
End Levee Mile	20.39
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent activity on the landward slope looking landward and downstream.

pkazi_s_20110328_343.jpg



Levee Mile Report Line	145
Start Levee Mile	20.83
End Levee Mile	20.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping planted and maintained by UOP along the landward slope and toe looking upstream.

pkazi_s_20110328_320.jpg



Levee Mile Report Line	151
Start Levee Mile	21.63
End Levee Mile	21.63
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Garbage was found on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110523_582.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	168
Start Levee Mile	22.17
End Levee Mile	22.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along landward slope looking upstream.

pkazi_s_20110328_312.jpg



Levee Mile Report Line	169
Start Levee Mile	22.17
End Levee Mile	22.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence and landscaping along the landward shoulder and slope looking upstream.

pkazi_s_20110328_318.jpg



Levee Mile Report Line	171
Start Levee Mile	22.19
End Levee Mile	22.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward shoulder and slope looking upstream.

pkazi_s_20110328_317.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	172
Start Levee Mile	22.19
End Levee Mile	22.21
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the waterward shoulder and slope looking upstream.

pkazi_s_20110328_316.jpg



Levee Mile Report Line	174
Start Levee Mile	22.26
End Levee Mile	22.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence along the landward shoulder looking upstream.

pkazi_s_20110328_315.jpg



Levee Mile Report Line	177
Start Levee Mile	22.37
End Levee Mile	22.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence and landscaping along landward slope looking upstream.

pkazi_s_20110328_311.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	178
Start Levee Mile	22.43
End Levee Mile	22.46
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a post and cable fence along the landward slope looking upstream.

pkazi_s_20110328_310.jpg



Levee Mile Report Line	179
Start Levee Mile	22.46
End Levee Mile	22.52
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along landward toe looking upstream.

pkazi_s_20110328_309.jpg



Levee Mile Report Line	180
Start Levee Mile	22.52
End Levee Mile	22.52
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of slope instability on the waterward slope under I-5 looking upstream.

pkazi_s_20110328_284.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	181
Start Levee Mile	22.52
End Levee Mile	22.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of post and cable fence along the landward levee slope looking upstream.

pkazi_s_20110328_308.jpg



Levee Mile Report Line	184
Start Levee Mile	22.58
End Levee Mile	22.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence and landscaping along the landward shoulder and slope looking upstream.

pkazi_s_20110328_305.jpg



Levee Mile Report Line	189
Start Levee Mile	22.87
End Levee Mile	22.89
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along the landward slope.

pkazi_s_20110328_304.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	192
Start Levee Mile	22.90
End Levee Mile	23.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence and landscaping along the landward shoulder looking upstream.

pkazi_s_20110328_303.jpg



Levee Mile Report Line	193
Start Levee Mile	23.08
End Levee Mile	23.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence along the landward shoulder looking upstream.

pkazi_s_20110328_302.jpg



Levee Mile Report Line	196
Start Levee Mile	23.24
End Levee Mile	23.27
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along the landward slope looking upstream.

pkazi_s_20110328_301.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	197
Start Levee Mile	23.30
End Levee Mile	23.34
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence and landscaping along the landward slope.

pkazi_s_20110328_299.jpg



Levee Mile Report Line	198
Start Levee Mile	23.30
End Levee Mile	23.34
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of landscaping along the landward levee slope looking upstream.

pkazi_s_20110328_300.jpg



Levee Mile Report Line	199
Start Levee Mile	23.70
End Levee Mile	23.70
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of vegetation along the waterward slope looking downstream.

pkazi_s_20110328_348.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/10/2011 05/13/2011	Pavel Kazi

Levee Mile Report Line	200
Start Levee Mile	23.70
End Levee Mile	24.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fence along the landward slope looking downstream.

pkazi_s_20110328_347.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 17 Potter Creek			Right	0.86

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/11/2011 - 5/11/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Eric Ambriz SJCFC&WCD			
	Jim Caruso			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek						Right	0.86	05/11/2011 05/11/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.13	0.13	Earthen Levee	Encroachments	WS	M	Prunings	37.957934 ° -121.149911 °	37.957934 ° -121.149911 °	2 Y
2	0.17	0.17	Earthen Levee	Encroachments	WS	M	Prunings	37.958590 ° -121.151408 °	37.958590 ° -121.151408 °	3 Y
3	0.22	0.22	Earthen Levee	Encroachments	WS	M	Prunings	37.958943 ° -121.152261 °	37.958943 ° -121.152261 °	4 Y
4	0.25	0.25	Earthen Levee	Encroachments	WS	M	Prunings	37.958966 ° -121.152641 °	37.958966 ° -121.152641 °	5
5	0.27	0.27	Earthen Levee	Encroachments	WS	M	Prunings	37.958969 ° -121.152751 °	37.958969 ° -121.152751 °	9
6	0.27	0.27	Earthen Levee	Encroachments	WS	M	Prunings	37.958972 ° -121.152938 °	37.958972 ° -121.152938 °	6 Y
7	0.28	0.28	Earthen Levee	Encroachments	WS	M	Garbage	37.959013 ° -121.153087 °	37.959013 ° -121.153087 °	8 Y
8	0.28	0.28	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.959013 ° -121.153089 °	37.959013 ° -121.153089 °	7 Y
9	0.37	0.37	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Pile appears to be the same pile as last year and has not been burned.	37.958565 ° -121.154819 °	37.958565 ° -121.154819 °	1 Y

*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	05/11/2011 05/11/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.13
End Levee Mile	0.13
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a prunings pile along the waterward bank looking downstream.

pkazi_s_20110328_350.jpg



Levee Mile Report Line	2
Start Levee Mile	0.17
End Levee Mile	0.17
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a prunings pile along the waterward bank looking downstream.

pkazi_s_20110328_351.jpg



Levee Mile Report Line	3
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a prunings pile along the waterward bank looking downstream.

pkazi_s_20110328_352.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	05/11/2011 05/11/2011	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	0.27
End Levee Mile	0.27
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Pruning was found on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110526_607.jpg



Levee Mile Report Line	7
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Garbage on the waterside of the levee looking upstream.

pkazi_s_20110526_606.jpg



Levee Mile Report Line	8
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the crown of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110526_605.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	05/11/2011 05/11/2011	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris pile located on waterside of levee at LM 0.50.	
pkazi_s_20110328_349.jpg	

*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 18 Potter Creek			Left	0.89

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/11/2011 - 5/11/2011			
DWR Inspector	Pavel Kazi			
Accompanied By	Eric Ambriz SJCFC&WCD			
	Jay Jauregui SJCFC&WCD			

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

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Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek						Left	0.89	05/11/2011 05/11/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.08	0.29	Earthen Levee	Encroachments	LS	CO	Fences	37.957534 ° -121.149739 °	37.958657 ° -121.153146 °	1 Y
2	0.20	0.20	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.958436 ° -121.151762 °	37.958436 ° -121.151762 °	2 Y
3	0.20	0.20	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	37.958436 ° -121.151762 °	37.958436 ° -121.151762 °	3 Y
4	0.20	0.20	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	37.958436 ° -121.151761 °	37.958436 ° -121.151761 °	4 Y

*** Location**

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WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.89	05/11/2011 05/11/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.08
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fences along the landside toe of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110526_612.jpg



Levee Mile Report Line	2
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the landside of the levee. The picture was taken from the crown looking toward landside.

pkazi_s_20110526_610.jpg



Levee Mile Report Line	3
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Vegetation complied with the standards on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_s_20110526_609.jpg



*** Location**

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WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.89	05/11/2011 05/11/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Vegetation complies with the standards on the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110526_611.jpg	

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
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